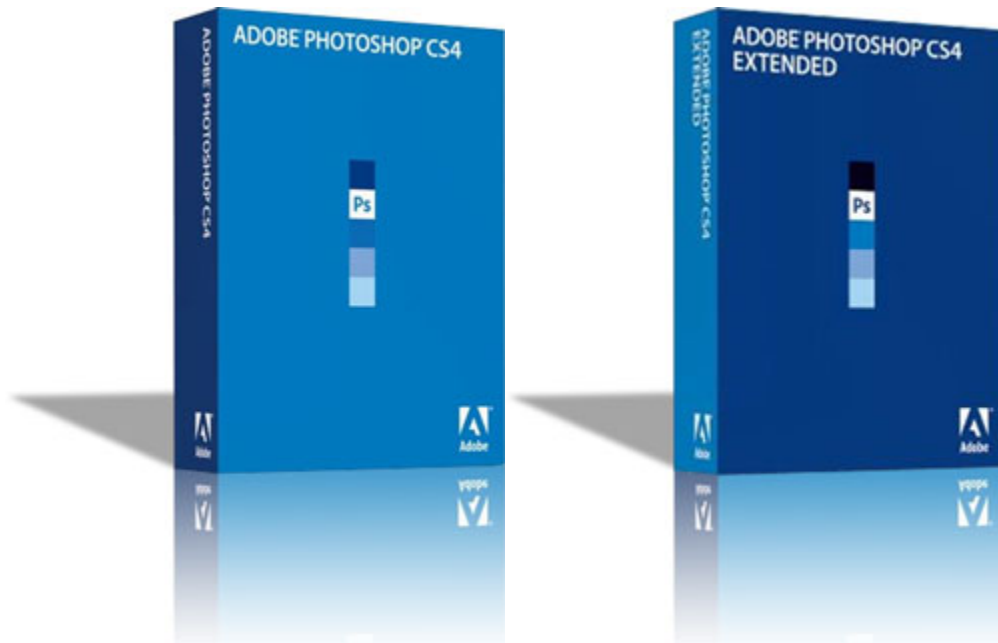


# Photoshop CS4 Keyboard Shortcuts



**Provided by: D-SOL Media**  
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## Selecting Tools

Windows	Mac OS	Result
Shift-press shortcut key	Shift-press shortcut key	Cycle through tools with the same shortcut key
Alt-click + tool	Opt.-click + tool	Cycle through hidden tools
V	V	Move tool
M	M	Rectangular Marquee tool / Elliptical Marquee tool
L	L	Lasso tool / Polygonal Lasso tool / Magnetic Lasso tool
W	W	Magic Wand tool / Quick Selection tool
C	C	Crop tool / Slice tool / Slice Select tool
I	I	Eyedropper tool / Color Sampler tool / Ruler tool / Note tool / Count tool
J	J	Spot Healing Brush tool / Healing Brush tool / Patch tool / Red Eye tool
B	B	Brush tool / Pencil tool / Color Replacement tool
S	S	Clone Stamp tool / Pattern Stamp tool
Y	Y	History Brush tool / Art History Brush tool
E	E	Eraser tool / Background Eraser tool / Magic Eraser tool
G	G	Gradient tool / Paint Bucket tool
O	O	Dodge tool / Burn tool / Sponge tool
P	P	Pen tool / Freeform Pen tool
T	T	Horizontal Type tool / Vertical Type tool / Horizontal Type mask tool / Vertical Type mask tool
A	A	Path Selection tool / Direct Selection tool
U	U	Rectangle tool / Rounded Rectangle tool / Ellipse tool / Polygon tool / Line tool / Custom Shape tool
K	K	3D Rotate tool / 3D Roll tool / 3D Pan tool / 3D Slide tool / 3D Scale tool
N	N	3D Orbit tool / 3D Roll View tool / 3D Pan View tool / 3D Walk View tool / 3D Zoom tool
H	H	Hand tool
R	R	Rotate View tool
Z	Z	Zoom tool

## Selecting Tools in the Extract Toolbox

Windows	Mac OS	Result
B	B	Edge Highlighter tool
G	G	Fill tool
I	I	Eyedropper tool
C	C	Cleanup tool
T	T	Edge Touchup tool

## Selecting Tools in the Liquify Toolbox

Windows	Mac OS	Result
W	W	Forward Warp tool
R	R	Reconstruct tool
C	C	Twirl Clockwise tool
S	S	Pucker tool
B	B	Bloat tool
O	O	Push Left tool
M	M	Mirror tool
T	T	Turbulence tool
F	F	Freeze Mask tool
D	D	Thaw Mask tool

## Working with Extract, Liquify, and Pattern Maker

Windows	Mac OS	Result (Extract, Liquify, and Pattern Maker)
Tab	Tab	Cycle through controls on right from top
Shift + Tab	Shift + Tab	Cycle through controls on right from bottom
Spacebar	Spacebar	Temporarily activate Hand tool
Alt	Opt.	Change Cancel to Reset
Windows	Mac OS	Result (Extract and Liquify)
] or [	] or [	Decreases or increases brush size
Windows	Mac OS	Result (Extract and Pattern Maker)
Ctrl + 0	Cmd. + 0	Fit in window
Ctrl + + (plus)	Cmd. + + (plus)	Zoom in
Ctrl + - (hyphen)	Cmd. + - (hyphen)	Zoom out
Windows	Mac OS	Result (Extract Only)
Alt + Edge Highlighter/Eraser tool	Opt. + Edge Highlighter/Eraser tool	Toggle between Edge Highlighter and Eraser tool
Ctrl with Edge Highlighter tool selected	Cmd. with Edge Highlighter tool selected	Toggle Smart Highlighting
Alt + Delete	Opt. + Delete	Remove current highlight
Ctrl + Delete	Cmd. + Delete	Highlight entire image
Shift-click with Fill tool selected	Shift-click with Fill tool selected	Fill foreground area and preview extraction
Ctrl-drag	Cmd.-drag	Move mask when Edge Touchup tool is selected
Alt-drag	Opt.-drag	Add opacity when Cleanup tool is selected
X	X	Toggle Show menu options in preview between Original and Extracted
Shift + X	Shift + X	Enable Cleanup and Edge Touchup tools before preview
F	F	Cycle through Display menu in preview from top to bottom
Shift + F	Shift + F	Cycle through Display menu in preview from bottom to top
Down Arrow/Up Arrow in Brush Size text box	Down Arrow or Up Arrow in Brush Size text box	Decrease/increase brush size by 1
Left Arrow/Right Arrow with Brush Size Slider showing	Left Arrow/Right Arrow with Brush Size Slider showing	Decrease/increase brush size by 1
0–9	0–9	Set strength of Cleanup or Edge Touch-up tool

Windows	Mac OS	Result (Liquify only)
Alt + tool	Opt. + tool	Reverse direction for Bloat, Pucker, Push Left, and Mirror tools
Alt-drag in preview with Reconstruct tool, Displace, Amplitwist, or Affine mode selected	Opt.-drag in preview with reconstruct tool, Displace, Amplitwist, or Affine mode selected	Continually sample the distortion
Down Arrow/Up Arrow in Brush Size, Density, Pressure, Rate, or Turbulent Jitter text box	Down Arrow/Up Arrow in Brush Size, Density, Pressure, Rate, or Turbulent Jittertext box	Decrease/increase brush size by 2, or density, pressure, rate, or turbulent jitter by 1
Left Arrow/Right Arrow with Brush Size, Density, Pressure, Rate, or Turbulent Jitter slider showing	Left Arrow/Right Arrow with Brush Size, Density, Pressure, Rate, or Turbulent Jitter slider showing	Decrease/increase brush size by 2, or density, pressure, rate, or turbulent jitter by 1
Ctrl + Z	Cmd. + Z	Redo last step

Windows	Mac OS	Result (Pattern Maker only)
Ctrl + D	Cmd. + D	Delete current selection
Ctrl + Z	Cmd. + Z	Undo a selection move
Ctrl + G	Cmd. + G	Generate or generate again
Shift + Alt + select	Shift + Opt. + select	Intersect with current selection
X	X	Toggle view: original/generated pattern
Home	Home	Go to first tile in Tile History
End	End	Go to last tile in Tile History
Left Arrow, Page Up	Left Arrow, Page Up	Go to previous tile in Tile History
Right Arrow, Page Down	Right Arrow, Page Down	Go to next tile in Tile History
Delete	Delete	Delete current tile from Tile History
Right Arrow, Left Arrow, Up Arrow, or Down Arrow	Right Arrow, Left Arrow, Up Arrow, or Down Arrow	Nudge selection when viewing the original
Shift + Right Arrow, Left Arrow, Up Arrow, or Down Arrow	Shift + Right Arrow, Left Arrow, Up Arrow, or Down Arrow	Increase selection nudging when viewing the original

## Using the Filter Gallery

Windows	Mac OS	Result
Alt-click a filter	Opt.-click a filter	Apply a new filter on top of selected
Alt-click a disclosure triangle	Opt.-click a disclosure triangle	Open/close all disclosure triangles
Ctrl	Cmd.	Change Cancel button to Default
Alt	Opt.	Change Cancel button to Reset
Ctrl + Z	Cmd. + Z	Undo/Redo
Ctrl + Shift + Z	Cmd. + Shift + Z	Step forward
Ctrl + Alt + Z	Cmd. + Opt. + Z	Step backward

## Using the Refine Edge Dialog Box

Windows	Mac OS	Result
Ctrl + Alt + R	Cmd. + Opt. + R	Open the Refine Edge dialog box
F	F	Cycle (forward) through preview modes
Shift + F	Shift + F	Cycle (backward) through preview modes
X	X	Toggle between original image and selection preview
P	P	Toggle the preview option (on and off)

## Using the Black-and-White Dialog Box

Windows	Mac OS	Result
Shift + Ctrl + Alt + B	Shift + Cmd. + Opt.+ B	Open the Black-and-White dialog box
Up Arrow/Down Arrow	Up Arrow/Down Arrow	Increase/decrease selected value by 1%
Shift + Up Arrow/Down Arrow	Shift + Up Arrow/Down Arrow	Increase/decrease selected value by 10%
Click-drag on the image	Click-drag on the image	Change the values of the closest color slider

## Using the Camera Raw Dialog Box

Windows	Mac OS	Result
Z	Z	Zoom tool
H	H	Hand tool
I	I	White Balance tool
S	S	Color Sampler tool
C	C	Crop tool
A	A	Straighten tool
B	B	Spot Removal tool
E	E	Red Eye Removal tool
K	K	Adjustment Brush tool
G	G	Graduated Filter tool
Ctrl-drag	Cmd.-drag	Resize brush
Ctrl + Shift-drag	Cmd. + Shift-drag	Adjust feather
Alt	Opt.	Temporarily switch to erase mode for the Adjustment Brush tool, or switch to edit if in erase mode for the Adjustment Brush tool
N	N	Switch to new adjustment if in edit or erase mode of the Adjustment Brush tool or the Graduated Filter
M	M	Toggle auto mask
Y	Y	Toggle mask
V	V	Toggle pins for Adjustment Brush tool
V	V	Toggle overlay for Graduated Filter, Spot Removal tool, or Red Eye Removal tool.
L	L	Rotate image left
R	R	Rotate image right
Ctrl ++ (plus)	Cmd. ++ (plus)	Zoom in
Ctrl + - (hyphen)	Cmd. + - (hyphen)	Zoom out
Ctrl	Cmd.	Temporarily switch to Zoom In tool
		(Doesn't work when Straighten tool is selected. If Crop tool is active, temporarily switches to Straighten tool.)
Alt	Opt.	Temporarily switch to Zoom Out tool and change the Open Image button to Open Copy and the Cancel button to Reset.
P	P	Toggle preview
F	F	Full screen mode
Shift	Shift	Temporarily activate the White Balance tool and change the Open Image button to Open Object.
		(Does not work if Crop tool is active.)
Click the first point; Shift-click	Click the first point; Shift-click	Select multiple points in Curves panel

Windows	Mac OS	Result
additional points	additional points	
Ctrl-click in preview	Cmd.-click in preview	Add point to curve in Curves panel
Arrow keys	Arrow keys	Move selected point in Curves panel (1 unit)
Shift-arrow	Shift-arrow	Move selected point in Curves panel (10 units)
Ctrl + R	Cmd. + R	Open selected images in Camera Raw dialog box from Bridge
Shift + double-click image	Shift + double-click image	Open selected images from Bridge bypassing Camera Raw dialog box
Alt-drag Exposure, Recovery, or Black sliders	Opt.-drag Exposure, Recovery, or Black sliders	Display highlights that will be clipped in Preview
O	O	Highlight clipping warning
U	U	Shadows clipping warning
Right-click	Ctrl-click	Context menu
		(Does not work in brushed adjustment)
Ctrl + K	Cmd. + K	Camera Raw preferences
Ctrl + Alt (on open)	Opt. + Shift (on open)	Deletes Adobe Camera Raw preferences

## Using the Curves Dialog Box

Windows	Mac OS	Result
Ctrl + M	Cmd. + M	Open the Curves dialog box
+ (plus)	+ (plus)	Select next point on the curve
- (minus)	- (minus)	Select the previous point on the curve
Shift-click the points	Shift-click the points	Select multiple points on the curve
Ctrl + D	Cmd. + D	Deselect a point
Select a point and press Delete	Select a point and press Delete.	To delete a point on the curve
Arrow keys	Arrow keys	Move the selected point 1 unit
Shift + Arrow keys	Shift + Arrow keys	Move the selected point 10 units
Alt-drag black/white point sliders	Opt.-drag black/white point sliders	Display highlights and shadows that will be clipped
Ctrl-click the image	Cmd.-click the image	Set a point to the composite curve
Shift + Ctrl-click the image	Shift + Cmd.-click the image	Set a point to the channel curves
Alt-click the field	Opt.-click the field	Toggle grid size

## Using Vanishing Point

Windows	Mac OS	Result
Z	Z	Zoom tool
X	X	Zoom 2x (temporary)
H	H	Hand tool
Spacebar	Spacebar	Switch to Hand tool (temporary)
Ctrl + + (plus)	Cmd. + + (plus)	Zoom in
Ctrl + - (hyphen)	Cmd. + - (hyphen)	Zoom out
Ctrl + 0 (zero), Double-click Hand tool	Cmd. + 0 (zero), Double-click Hand tool	Fit in view
Double-click Zoom tool	Double-click Zoom tool	Zoom to center at 100%
]	]	Increase brush size (Brush, Stamp tools)
[	[	Decrease brush size (Brush, Stamp tools)

Windows	Mac OS	Result
Shift + ]	Shift + ]	Increase brush hardness (Brush, Stamp tools)
Shift + [	Shift + [	Decrease brush hardness (Brush, Stamp tools)
Ctrl + Z	Cmd. + Z	Undo last action
Ctrl + Shift + Z	Cmd. + Shift + Z	Redo last action
Ctrl + D	Cmd. + D	Deselect all
Ctrl + H	Cmd. + H	Hide selection and planes
Arrow keys	Arrow keys	Move selection 1 pixel
Shift + arrow keys	Shift + arrow keys	Move selection 10 pixels
Ctrl + C	Cmd. + C	Copy
Ctrl + V	Cmd. + V	Paste
Ctrl + Shift + T	Cmd. + Shift + T	Repeat last duplicate and move
Ctrl + Alt + T		Create a floating selection from the current selection
Ctrl-drag	Cmd.-drag	Fill a selection with image under the pointer
Ctrl + Alt-drag	Cmd. + Opt.-drag	Create a duplicate of the selection as a floating selection
Alt + Shift to rotate	Opt. + Shift to rotate	Constrain selection to a 15° rotation
Ctrl-click the plane	Cmd.-click the plane	Select a plane under another selected plane
Ctrl-drag	Cmd.-drag	Create 90 degree plane off parent plane
Backspace	Delete	Delete last node while creating plane
Double-click the Create Plane tool	Double-click the Create Plane tool	Make a full canvas plane, square to the camera
Ctrl + Shift + H	Cmd. + Shift + H	Show/hide measurements (Photoshop Extended only)
Ctrl + E	Cmd. + E	Export to a DFX file (Photoshop Extended only)
Ctrl + Shift + E	Cmd. + Shift + E	Export to a 3DS file (Photoshop Extended only)

## Working with Blending Modes

Windows	Mac OS	Result
Shift + + (plus) or – (minus)	Shift + + (plus) or – (minus)	Cycle through blending modes
Shift + Alt + N	Shift + Opt. + N	Normal
Shift + Alt + I	Shift + Opt. + I	Dissolve
Shift + Alt + Q	Shift + Opt. + Q	Behind (Brush tool only)
Shift + Alt + R	Shift + Opt. + R	Clear (Brush tool only)
Shift + Alt + K	Shift + Opt. + K	Darken
Shift + Alt + M	Shift + Opt. + M	Multiply
Shift + Alt + B	Shift + Opt. + B	Color Burn
Shift + Alt + A	Shift + Opt. + A	Linear Burn
Shift + Alt + G	Shift + Opt. + G	Lighten
Shift + Alt + S	Shift + Opt. + S	Screen
Shift + Alt + D	Shift + Opt. + D	Color Dodge
Shift + Alt + W	Shift + Opt. + W	Linear Dodge
Shift + Alt + O	Shift + Opt. + O	Overlay
Shift + Alt + F	Shift + Opt. + F	Soft Light
Shift + Alt + H	Shift + Opt. + H	Hard Light
Shift + Alt + V	Shift + Opt. + V	Vivid Light



Windows	Mac OS	Result
Shift + Alt + J	Shift + Opt. + J	Linear Light
Shift + Alt + Z	Shift + Opt. + Z	Pin Light
Shift + Alt + L	Shift + Opt. + L	Hard Mix
Shift + Alt + E	Shift + Opt. + E	Difference
Shift + Alt + X	Shift + Opt. + X	Exclusion
Shift + Alt + U	Shift + Opt. + U	Hue
Shift + Alt + T	Shift + Opt. + T	Saturation
Shift + Alt + C	Shift + Opt. + C	Color
Shift + Alt + Y	Shift + Opt. + Y	Luminosity
Sponge tool + Shift + Alt + D	Sponge tool + Shift + Opt. + D	Desaturate
Sponge tool + Shift + Alt + S	Sponge tool + Shift + Opt. + S	Saturate
Dodge tool/Burn tool + Shift + Alt + S	Dodge tool/Burn tool + Shift + Opt. + S	Dodge/burn shadows
Dodge tool/Burn tool + Shift + Alt + M	Dodge tool/Burn tool + Shift + Opt. + M	Dodge/burn midtones
Dodge tool/Burn tool + Shift + Alt + H	Dodge tool/Burn tool + Shift + Opt. + H	Dodge/burn highlights
Shift + Alt + N	Shift + Opt. + N	Set blending mode to Threshold for bitmap images, Normal for all other images

## Viewing Images

Windows	Mac OS	Result
Ctrl + Tab	Ctrl + Tab	Cycles through open documents
Shift-Ctrl-W	Shift-Cmd.-W	Close a file in Photoshop and open Bridge
Q	Q	Toggle between Standard mode and Quick Mask mode
F	F	Toggle (forward) between Standard screen mode, Maximized screen mode, Full screen mode, and Full screen mode with menu bar
Shift + F	Shift + F	Toggle (backward) between Standard screen mode, Maximized screen mode, Full screen mode, and Full screen mode with menu bar
Space + F	Space + F	Toggle (forward) canvas color
Space + Shift + F	Space + Shift + F	Toggle (backward) canvas color
Double-click Hand tool	Double-click Hand tool	Fit image in window
Double-click Zoom tool	Double-click Zoom tool	Magnify 100%
Spacebar	Spacebar	Switch to Hand tool (when not in text-edit mode)
Shift-drag	Shift-drag	Simultaneously pan multiple documents simultaneously with Hand tool
Ctrl + spacebar	Cmd. + spacebar	Switch to Zoom In tool
Alt + spacebar	Opt. + spacebar	Switch to Zoom Out tool
Spacebar-drag	Spacebar-drag	Move Zoom marquee while dragging with the Zoom tool
Shift + Enter in Navigator panel zoom percentage box	Shift + Return in Navigator panel zoom percentage box	Apply zoom percentage, and keep zoom percentage box active
Ctrl-drag over preview in Navigator panel	Cmd.-drag over preview in Navigator panel	Zoom in on specified area of an image
Hold down H and then click in the image and hold down the mouse button	Hold down H and then click in the image and hold down the mouse button	Temporarily zoom into an image
Spacebar-drag	Spacebar-drag	Scroll image with Hand tool
Page Up or Page Down	Page Up or Page Down	Scroll up or down 1 screen
Shift + Page Up or Page Down	Shift + Page Up or Page Down	Scroll up or down 10 units
Home or End	Home or End	Move view to upper-left corner or lower right corner
\ (backslash)	\ (backslash)	Toggle layer mask on/off as rubylith (layer mask must be selected)

### Selecting and Moving Objects

Windows	Mac OS	Result
Any marquee tool (except single column and single row) + spacebar-drag	Any marquee tool (except single column and single row) + spacebar-drag	Reposition marquee while selecting
Any selection tool + Shift-drag	Any selection tool + Shift-drag	Add to a selection
Any selection tool + Alt-drag	Any selection tool + Opt.-drag	Subtract from a selection
Any selection tool (except Quick Selection tool) + Shift-Alt-drag	Any selection tool (except Quick Selection tool) + Shift-Opt.-drag	Intersect a selection
Shift-drag	Shift-drag	Constrain marquee to square or circle (if no other selections are active)
Alt-drag	Opt.-drag	Draw marquee from center (if no other selections are active)
Shift + Alt-drag	Shift + Opt.-drag	Constrain shape and draw marquee from center
Ctrl (except when Hand, Slice, Path, Shape, or any Pen tool is selected)	Cmd. (except when Hand, Slice, Path, Shape, or any Pen tool is selected)	Switch to Move tool
Alt-drag	Opt.-drag	Switch from Magnetic Lasso tool to Lasso tool
Alt-click	Opt.-click	Switch from Magnetic Lasso tool to polygonal Lasso tool
Enter/Esc or Ctrl + . (period)	Return/Esc or Cmd. + . (period)	Apply/cancel an operation of the Magnetic Lasso
Move tool + Alt-drag selection	Move tool + Opt.-drag selection	Move copy of selection
Any selection + Right Arrow, Left Arrow, Up Arrow, or Down Arrow	Any selection + Right Arrow, Left Arrow, Up Arrow, or Down Arrow	Move selection area 1 pixel
Move tool + Right Arrow, Left Arrow, Up Arrow, or Down Arrow	Move tool + Right Arrow, Left Arrow, Up Arrow, or Down Arrow	Move selection 1 pixel
Ctrl + Right Arrow, Left Arrow, Up Arrow, or Down Arrow	Cmd. + Right Arrow, Left Arrow, Up Arrow, or Down Arrow	Move layer 1 pixel when nothing selected on layer
Magnetic Lasso tool + [ or ]	Magnetic Lasso tool + [ or ]	Increase/decrease detection width
Crop tool + Enter or Esc	Crop tool + Return or Esc	Accept cropping or exit cropping
/ (forward slash)	/ (forward slash)	Toggle crop shield off and on
Ruler tool + Alt-drag end point	Ruler tool + Opt.-drag end point	Make protractor
Shift-drag guide	Shift-drag guide	Snap guide to ruler ticks (except when View > Snap is unchecked)
Alt-drag guide	Opt.-drag guide	Convert between horizontal and vertical guide

### Editing Paths

Windows	Mac OS	Result
Direct selection tool + Shift-click	Direct selection tool + Shift-click	Select multiple anchor points
Direct selection tool + Alt-click	Direct selection tool + Opt.-click	Select entire path
Pen (any Pen tool), Path Selection or Direct Selection tool + Ctrl + Alt-drag	Pen (any Pen tool), Path Selection or Direct Selection tool + Cmd. + Opt.-drag	Duplicate a path
Ctrl	Cmd.	Switch from Path Selection, Pen, Add Anchor Point, Delete Anchor Point, or Convert Point tools, to Direct Selection tool
Alt	Opt.	Switch from Pen tool or Freeform Pen tool to Convert Point tool when pointer is over anchor or direction point
Magnetic Pen tool-double-click	Magnetic Pen tool-double-click	Close path
Magnetic Pen tool + Alt-double-click	Magnetic Pen tool + Opt.-double-click	Close path with straight-line segment

## Painting Objects

Windows	Mac OS	Result
Any painting tool + Alt or any shape tool + Alt (except when Paths option is selected)	Any painting tool + Option or any shape tool + Option (except when Paths option is selected)	Eyedropper tool
Eyedropper tool + Alt-click	Eyedropper tool + Opt.-click	Select background color
Eyedropper tool + Shift	Eyedropper tool + Shift	Color sampler tool
Color sampler tool + Alt-click	Color sampler tool + Opt.-click	Deletes color sampler
Any painting or editing tool + number keys (e.g., 0 = 100%, 1 = 10%, 4 then 5 in quick succession = 45%) (When airbrush option is enabled, use Shift + number keys)	Any painting or editing tool + number keys (e.g., 0 = 100%, 1 = 10%, 4 then 5 in quick succession = 45%) (When airbrush option is enabled, use Shift + number keys)	Sets opacity, tolerance, strength, or exposure for painting mode
Any painting or editing tool + Shift + number keys (e.g., 0 = 100%, 1 = 10%, 4 then 5 in quick succession = 45%) (When airbrush option is enabled, omit Shift)	Any painting or editing tool + Shift + number keys (e.g., 0 = 100%, 1 = 10%, 4 then 5 in quick succession = 45%) (When airbrush option is enabled, omit Shift)	Sets flow for painting mode
Shift + + (plus) or - (minus)	Shift + + (plus) or - (minus)	Cycles through blending modes
Alt + Backspace, or Ctrl + Backspace	Opt. + Delete, or Cmd. + Delete	Fills selection/layer with foreground or background color
Ctrl + Alt + Backspace	Cmd. + Opt. + Delete	Fills from history
Shift + Backspace	Shift + Delete	Displays Fill dialog box
/ (forward slash)	/ (forward slash)	Lock transparent pixels on/off
Any painting tool + Shift-click	Any painting tool + Shift-click	Connects points with a straight line

## Transforming Selections, Selection Borders, and Paths

Windows	Mac OS	Result
Alt	Opt.	Transform from center or reflect
Shift	Shift	Constrain
Ctrl	Cmd.	Distort
Enter	Return	Apply
Ctrl + . (period) or Esc	Cmd. + . (period) or Esc	Cancel
Ctrl + Alt + T	Cmd. + Opt. + T	Free transform with duplicate data
Ctrl + Shift + Alt + T	Cmd. + Shift + Opt. + T	Transform again with duplicate data

## Selecting, Editing, and Navigating Through Text

Windows	Mac OS	Result
Ctrl-drag type when Type layer is selected	Cmd.-drag type when Type layer is selected	Move type in image
Shift + Left Arrow/Right Arrow or Down Arrow/Up Arrow, or Ctrl + Shift + Left Arrow/Right Arrow	Shift + Left Arrow/Right Arrow or Down Arrow/Up Arrow, or Cmd. + Shift + Left Arrow/Right Arrow	Select 1 character left/right or 1 line down/up, or 1 word left/right
Shift-click	Shift-click	Select characters from insertion point to mouse click point
Left Arrow/Right Arrow, Down Arrow/Up Arrow, or Ctrl + Left Arrow/Right Arrow	Left Arrow/Right Arrow, Down Arrow/Up Arrow, or Cmd. + Left Arrow/Right Arrow	Move 1 character left/right, 1 line down/up, or 1 word left/right
Shift-click	Shift-click	Create a new text layer, when a text layer is selected in the Layers panel
Double-click, triple-click, quadruple-click, or quintuple-click	Double-click, triple-click, quadruple-click, or quintuple-click	Select a word, line, paragraph, or story
Ctrl + H	Cmd. + H	Show/Hide selection on selected type
Ctrl	Cmd.	Display the bounding box for transforming text when editing text, or activate Move tool if cursor is inside the bounding box
Ctrl-drag a bounding box handle	Cmd.-drag a bounding box handle	Scale text within a bounding box when resizing the bounding box
Spacebar-drag	Spacebar-drag	Move text box while creating text box

## Formatting Type

Windows	Mac OS	Result
Horizontal Type tool + Ctrl + Shift + L, C, or R	Horizontal Type tool + Cmd. + Shift + L, C, or R	Align left, center, or right
Vertical Type tool + Ctrl + Shift + L, C, or R	Vertical Type tool + Cmd. + Shift + L, C, or R	Align top, center, or bottom
Ctrl + Shift + X	Cmd. + Shift + X	Choose 100% horizontal scale
Ctrl + Shift + Alt + X	Cmd. + Shift + Opt. + X	Choose 100% vertical scale
Ctrl + Shift + Alt + A	Cmd. + Shift + Opt. + A	Choose Auto leading
Ctrl + Shift + Q	Cmd. + Ctrl + Shift + Q	Choose 0 for tracking
Ctrl + Shift + J	Cmd. + Shift + J	Justify paragraph, left aligns last line
Ctrl + Shift + F	Cmd. + Shift + F	Justify paragraph, justifies all
Ctrl + Shift + Alt + H	Cmd. + Ctrl + Shift + Opt. + H	Toggle paragraph hyphenation on/off
Ctrl + Shift + Alt + T	Cmd. + Shift + Opt. + T	Toggle single/every-line composer on/off
Ctrl + Shift + < or >	Cmd. + Shift + < or >	Decrease or increase type size of selected text 2 points or pixels
Alt + Down Arrow or Up Arrow	Opt. + Down Arrow or Up Arrow	Decrease or increase leading 2 points or pixels
Shift + Alt + Down Arrow or Up Arrow	Shift + Opt. + Down Arrow or Up Arrow	Decrease or increase baseline shift 2 points or pixels
Alt + Left Arrow or Right Arrow	Opt. + Left Arrow or Right Arrow	Decrease or increase kerning/tracking 20/1000 ems

## Slicing and Optimizing

Windows	Mac OS	Result
Ctrl	Cmd.	Toggle between Slice tool and Slice Selection tool
Shift-drag	Shift-drag	Draw square slice
Alt-drag	Opt.-drag	Draw from center outward
Shift + Alt-drag	Shift + Opt.-drag	Draw square slice from center outward
Spacebar-drag	Spacebar-drag	Reposition slice while creating slice
Right-click slice	Ctrl-click slice	Open context-sensitive menu

### Using Panels

Windows	Mac OS	Result
Alt-click New button	Opt.-click New button	Set options (except for Actions, Animation, Styles, Brushes, Tool Presets, and Layer Comps panels)
Alt-click Delete button	Opt.-click Delete button	Delete without confirmation
Shift + Enter	Shift + Return	Apply value and keep text box active
Ctrl-click channel, layer, or path thumbnail.	Cmd.-click channel, layer, or path thumbnail.	Load as a selection
Ctrl + Shift-click channel, layer, or path thumbnail.	Cmd. + Shift-click channel, layer, or path thumbnail.	Add to current selection
Ctrl + Alt-click channel, path, or layer thumbnail.	Cmd. + Opt.-click channel, path, or layer thumbnail.	Subtract from current selection
Ctrl + Shift + Alt-click channel, path, or layer thumbnail.	Cmd. + Shift + Opt.-click channel, path, or layer thumbnail.	Intersect with current selection
Tab	Tab	Show/Hide all panels
Shift + Tab	Shift + Tab	Show/Hide all panels except the toolbox and options bar
Select tool and press Enter	Select tool and press Return	Highlight options bar
Shift + Up Arrow/Down Arrow	Shift + Up Arrow/Down Arrow	Increase/decrease units by 10 in a popup menu

### Using the Actions Panel

Windows	Mac OS	Result
Alt-click the check mark next to a Cmd..	Opt.-click the check mark next to a Cmd..	Turn command on and all others off, or turns all commands on
Alt-click	Opt.-click	Turn current modal control on and toggle all other modal controls
Alt + double-click action or action set	Opt. + double-click action or action set	Change action or action set options
Double-click recorded command	Double-click recorded command	Display Options dialog box for recorded command
Ctrl + double-click an action	Cmd. + double-click an action	Play entire action
Alt-click the triangle	Opt.-click the triangle	Collapse/expand all components of an action
Ctrl-click the Play button	Cmd.-click the Play button	Play a command
Alt-click the New Action button	Opt.-click the New Action button	Create new action and begin recording without confirmation
Shift-click the action/command	Shift-click the action/command	Select contiguous items of the same kind
Ctrl-click the action/command	Cmd.-click the action/command	Select discontinuous items of the same kind

### Using the Adjustments Panel

Windows	Mac OS	Result
Alt + 3 (red), 4 (green), 5 (blue)	Opt. + 3 (red), 4 (green), 5 (blue)	Choose a channel for adjustment
Ctrl + 3 (red), 4 (green), 5 (blue)	Cmd. + 3 (red), 4 (green), 5 (blue)	Select individual channels in the Channels panel
Alt + Ctrl + 3 (red), 4 (green), 5 (blue)	Opt. + Cmd. + 3 (red), 4 (green), 5 (blue)	Load individual channel as selection
Alt + 2	Opt. + 2	Choose composite channel for adjustment
Ctrl + 2	Cmd. + 2	Select composite channel in Channel panel
\ (backslash)	\ (backslash)	Toggle layer or smart filter masks
Hold down \ (backslash)		Temporarily view the state of previous adjustment layer
= (equal) / - (minus)	= (equal) / - (minus)	Select next/previous point on curve (for Curves adjustment)
Ctrl + 1	Cmd. + 1	100% view
Ctrl + Tab	Cmd. + `	Switch to next document
Shift + Ctrl + Tab	Shift + Cmd. + `	Switch to previous document
Delete or Backspace	Delete	Delete layer

## Using the Animation Panel

Windows	Mac OS	Result
Shift-click second frame	Shift-click second frame	Select/deselect multiple contiguous frames
Ctrl-click multiple frames	Cmd.-click multiple frames	Select/deselect multiple discontinuous frames
Alt + Paste Frames command from the Panel popup menu	Opt. + Paste Frames command from the Panel popup menu	Paste using previous settings without displaying the dialog box

## Using the Animation Panel in Timeline Mode (Photoshop Extended)

Windows	Mac OS	Result
Spacebar	Spacebar	Start playing the timeline or Animation panel
Alt + click the current-time display in the upper-left corner of the timeline.	Opt. + click the current-time display in the upper-left corner of the timeline.	Switch between timecode and frame numbers (current time view)
Alt + click	Opt. + click on list triangles	Expand and collapse list of layers
Hold down the Shift key when clicking the Next/Previous Frame buttons (on either side of the Play button).	Hold down the Shift key when clicking the Next/Previous Frame buttons (on either side of the Play button)	Jump to the next/previous whole second in timeline
Hold down the Shift key while dragging the current time.	Hold down the Shift key while dragging the current time.	Increase playback speed
Hold down the Ctrl key while dragging the current time.	Hold down the Command key while dragging the current time.	Decrease playback speed
Shift-drag	Shift-drag	Snap an object (keyframe, the current time, layer in point, and so on) to the nearest object in timeline
Alt-drag (first or last keyframe in the selection)	Opt.-drag (first or last keyframe in the group)	Scale (evenly distribute to condensed or extended length) a selected group of multiple keyframes
Left Arrow or Page Up	Left Arrow or Page Up	Back one frame
Right Arrow or Page Down	Right Arrow or Page Down	Forward one frame
Shift + Left Arrow or Shift + Page Up	Shift + Left Arrow or Shift Page Up	Back ten frames
Shift + Right Arrow or Shift + Page Down	Shift + Right Arrow or Shift + Page Down	Forward ten frames
Home	Home	Move to the beginning of the timeline
End	End	Move to the end of the timeline
Shift + Home	Shift + Home	Move to the beginning of the work area
Shift + End	Shift + End	Move to the end of the work area
Up Arrow	Up Arrow	Move to In point of the current layer
Down Arrow	Down Arrow	Move to the Out point of the current layer
Shift + Up Arrow	Shift + Up Arrow	Back 1 second
Shift + Down Arrow	Shift + Down Arrow	Foward 1 second
Esc	Esc	Return a rotated document to its original orientation

## Using the Clone Source

Windows	Mac OS	Result
Alt + Shift	Opt + Shift	Show Clone Source (overlays image)
Alt + Shift + arrow keys	Opt + Shift + arrow keys	Nudge Clone Source
Alt + Shift + < or >	Opt + Shift + < or >	Rotate Clone Source
Alt + Shift + [ or ]	Opt + Shift + [ or ]	Scale (increase or reduce size) Clone Source

## Using the Brushes Panel

Windows	Mac OS	Result
Alt-click brush	Opt.-click brush	Delete brush
Double-click brush	Double-click brush	Rename brush
Alt + right click + drag	Ctrl + Opt. + click-drag	Change brush size
Alt + Shift + right click + drag	Cmd. + Ctrl + Opt. + click-drag	Decrease/increase brush softness/hardness
, (comma) or . (period)	, (comma) or . (period)	Select previous/next brush size
Shift + , (comma) or . (period)	Shift + , (comma) or . (period)	Select first/last brush
Caps Lock or Shift + Caps Lock	Caps Lock	Display precise cross hair for brushes
Shift + Alt + P	Shift + Opt. + P	Toggle airbrush option

## Using the Channels Panel

Windows	Mac OS	Result
Alt-click Save Selection As Channel button	Opt.-click Save Selection As Channel button	Set options for Save Selection As Channel button
Ctrl-click Create New Channel button	Cmd.-click Create New Channel button	Create a new spot channel
Shift-click color channel	Shift-click color channel	Select/deselect multiple color-channel selection
Shift-click alpha channel	Shift-click alpha channel	Select/deselect alpha channel and show/hide as a rubyolith overlay
Double-click alpha or spot channel thumbnail	Double-click alpha or spot channel thumbnail	Display channel options
~ (tilde)	~ (tilde)	Toggle composite and grayscale mask in Quick Mask mode

## Using the Color Panel

Windows	Mac OS	Result
Alt-click color in color bar	Opt.-click color in color bar	Select background color
Right-click color bar	Ctrl-click color bar	Display Color Bar menu
Shift-click color bar	Shift-click color bar	Cycle through color choices

## Using the History Panel

Windows	Mac OS	Result
Alt + New Snapshot	Opt. + New Snapshot	Create a new snapshot
Double-click snapshot name	Double-click snapshot name	Rename snapshot
Ctrl + Shift + Z	Cmd. + Shift + Z	Step forward through image states
Ctrl + Alt + Z	Cmd. + Opt. + Z	Step backward through image states
Alt-click the image state	Opt.-click the image state	Duplicate any image state, except the current state
Alt + Clear History (in History panel popup menu)	Opt. + Clear History (in History panel popup menu)	Permanently clear history (no Undo)

## Using the Info Panel

Windows	Mac OS	Result
Click eyedropper icon	Click eyedropper icon	Change color readout modes
Click crosshair icon	Click crosshair icon	Change measurement units

## Using the Layer Comps Panel

Windows	Mac OS	Result
Alt-click Create New Layer Comp button	Opt.-click Create New Layer Comp button	Create new layer comp without the New Layer Comp box
Double-click layer comp	Double-click layer comp	Open Layer Comp Options dialog box
Double-click layer comp name	Double-click layer comp name	Rename in-line
Shift-click	Shift-click	Select/deselect multiple contiguous layer comps
Ctrl-click	Cmd.-click	Select/deselect multiple discontinuous layer comps

## Using the Layers Panel

Windows	Mac OS	Result
Ctrl-click layer thumbnail	Cmd.-click layer thumbnail	Load layer transparency as a selection
Ctrl-click filter mask thumbnail	Cmd.-click filter mask thumbnail	Load filter mask as a selection
Ctrl + G	Cmd. + G	Group layers
Ctrl + Shift + G	Cmd.-Shift + G	Ungroup layers
Ctrl + Alt + G	Cmd.-Opt. + G	Create/release clipping mask
Ctrl + Alt + A	Cmd. + Opt. + A	Select all layers
Ctrl + Shift + E	Cmd. + Shift + E	Merge visible layers
Alt-click New Layer button	Opt.-click New Layer button	Create new empty layer with dialog box
Ctrl-click New Layer button	Cmd.-click New Layer button	Create new layer below target layer
Alt + . (period)	Opt. + . (period)	Select top layer
Alt + , (comma)	Opt. + , (comma)	Select bottom layer
Shift + Alt + [ or ]	Shift + Opt. + [ or ]	Add to layer selection in Layers panel
Alt + [ or ]	Opt. + [ or ]	Select next layer down/up
Ctrl + [ or ]	Cmd. + [ or ]	Move target layer down/up
Ctrl + Shift + Alt + E	Cmd. + Shift + Opt. + E	Merge a copy of all visible layers into target layer
Highlight layers you want to merge, then Ctrl + E	Highlight the layers you want to merge, then Command + E	Merge layers
Ctrl + Shift + [ or ]	Cmd. + Shift + [ or ]	Move layer to bottom or top
Alt + Merge Down command from the Panel popup menu	Opt. + Merge Down command from the Panel popup menu	Copy current layer to layer below
Alt + Merge Visible command from the Panel popup menu	Opt. + Merge Visible command from the Panel popup menu	Merge all visible layers to a new layer above the currently selected layer
Right-click the eye icon	Ctrl-click the eye icon	Show/hide this layer/layer group only or all layers/layer groups
Alt-click the eye icon	Opt.-click the eye icon	Show/hide all other currently visible layers
/ (forward slash)	/ (forward slash)	Toggle lock transparency for target layer, or last applied lock
Double-click layer effect/style	Double-click layer effect/style	Edit layer effect/style, options
Alt-double-click layer effect/style	Opt.-double-click layer effect/style	Hide layer effect/style



Windows	Mac OS	Result
Double-click layer	Double-click layer	Edit layer style
Shift-click vector mask thumbnail	Shift-click vector mask thumbnail	Disable/enable vector mask
Double-click layer mask thumbnail	Double-click layer mask thumbnail	Open Layer Mask Display Options dialog box
Shift-click layer mask thumbnail	Shift-click layer mask thumbnail	Toggle layer mask on/off
Shift-click filter mask thumbnail	Shift-click filter mask thumbnail	Toggle filter mask on/off
Alt-click layer mask thumbnail	Opt.-click layer mask thumbnail	Toggle between layer mask/composite image
Alt-click filter mask thumbnail	Opt.-click filter mask thumbnail	Toggle between filter mask/composite image
\ (backslash), or Shift + Alt-click	\ (backslash), or Shift + Opt.-click	Toggle rubylith mode for layer mask on/off
Double-click type layer thumbnail	Double-click type layer thumbnail	Select all type; temporarily select Type tool
Alt-click the line dividing two layers	Opt.-click the line dividing two layers	Create a clipping mask
Double-click the layer name	Double-click the layer name	Rename layer
Double-click the filter effect	Double-click the filter effect	Edit filter settings
Double-click the Filter Blending icon	Double-click the Filter Blending icon	Edit the Filter Blending options
Ctrl-click New Layer Set button	Cmd.-click New Layer Set button	Create new layer set below current layer/layer set
Alt-click New Layer Set button	Opt.-click New Layer Set button	Create new layer set with dialog box
Alt-click Add Layer Mask button	Opt.-click Add Layer Mask button	Create layer mask that hides all/selection
Ctrl-click Add Layer Mask button	Cmd.-click Add Layer Mask button	Create vector mask that reveals all/path area
Ctrl + Alt-click Add Layer Mask button	Cmd. + Opt.-click Add Layer Mask button	Create vector mask that hides all or displays path area
Right-click layer group and choose Group Properties, or double-click group	Ctrl-click the layer group and choose Group Properties, or double-click group	Display layer group properties
Shift-click	Shift-click	Select/deselect multiple contiguous layers
Ctrl-click	Cmd.-click	Select/deselect multiple discontinuous layers

## Using the Paths Panel

Windows	Mac OS	Result
Ctrl + Shift-click pathname	Cmd. + Shift-click pathname	Add path to selection
Ctrl + Alt-click pathname	Cmd. + Opt.-click pathname	Subtract a path from selection
Ctrl + Shift + Alt-click pathname	Cmd. + Shift + Opt.-click pathname	Retain intersection of path as a selection
Ctrl + Shift + H	Cmd. + Shift + H	Hide path
Alt-click button	Opt.-click button	Set options for Fill Path with Foreground Color button, Stroke Path with Brush button, Load Path as a Selection button, Make Work Path from Selection button, and Create New Path button

## Using the Swatches Panel

Windows	Mac OS	Result
Click in empty area of panel	Click in empty area of panel	Create new swatch from foreground color
Ctrl-click swatch	Cmd.-click swatch	Set swatch color as background color
Alt-click swatch	Opt.-click swatch	Delete swatch

## Using Measurement (Photoshop Extended)

Windows	Mac OS	Result
Shift + Ctrl + M	Shift + Cmd. + M	Record a measurement
Ctrl + D	Cmd. + D	Deselects all measurements
Ctrl + A	Cmd. + A	Selects all measurements
Shift + Ctrl + H	Shift + Cmd. + H	Hide/show all measurements
Backspace	Delete	Removes a measurement
Arrow keys	Arrow keys	Nudge the measurement
Shift + arrow keys	Shift + arrow keys	Nudge the measurement in increments
Ctrl + left/right arrow key	Cmd. + left/right arrow key	Extend/shorten selected measurement
Shift + Ctrl + left/right arrow key	Shift + Cmd. + left/right arrow key	Extend/shorten selected measurement in increments
Ctrl + up/down arrow key	Cmd. + up/down arrow key	Rotate selected measurement
Shift + Ctrl + up/down arrow key	Shift + Cmd. + up/down arrow key	Rotate selected measurement in increments

## Using 3D Tools (Photoshop Extended)

Windows	Mac OS	Result
K	K	Enable 3D object tools
N	N	Enable 3D camera tools
Alt + Ctrl + X	Opt. + Cmd. + X	Hide nearest surface
Alt + Shift + Ctrl + X	Opt. + Shift + Cmd. + X	Show all surfaces
<b>Right-click (Windows)/Control-click (Mac)</b>	<b>Alt (Windows) / Option (Mac OS)</b>	<b>3D Object Tool</b>
Changes to Drag tool	Changes to Roll tool	Rotate
Changes to Slide tool	Changes to Orbit tool	Roll
Changes to Orbit tool	Changes to Slide tool	Drag
Changes to Roll tool	Changes to Drag tool	Slide
Scales on the Z plane	L	Scale
<b>Right-click (Windows)/Control-click (Mac)</b>	<b>Alt (Windows) / Option (Mac OS)</b>	<b>Camera Tool</b>
Changes to Drag tool	Changes to Roll tool	Orbit
Changes to Slide tool	Changes to Rotate tool	Roll
Changes to Orbit tool	Changes to Slide tool	Pan
Changes to Roll tool	Changes to Drag tool	Walk

## Working with DICOM Files (Photoshop Extended)

Windows	Mac OS	Result
Z	Z	Zoom tool
H	H	Hand tool
W	W	Window Level tool
Ctrl + A	Cmd. + A	Select all frames
Ctrl + D	Cmd. + D	Deselect all frames except the current frame
Arrow keys	Arrow keys	Navigate through frames

Function Keys

Windows	Mac OS	Result
F1	Help key	Start Help
	F1	Undo/Redo
F2	F2	Cut
F3	F3	Copy
F4	F4	Paste
F5	F5	Show/Hide Brushes panel
F6	F6	Show/Hide Color panel
F7	F7	Show/Hide Layers panel
F8	F8	Show/Hide Info panel
F9	Opt. + F9	Show/Hide Actions panel
F12	F12	Revert
Shift + F5	Shift + F5	Fill
Shift + F6	Shift + F6	Feather Selection
Shift + F7	Shift + F7	Inverse Selection

## Photoshop Plug-ins & Tutorials

### Photoshop Plug-in's



#### [onOne PhotoTools Professional Edition](#)

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Instantly give your photos the professional look with the new PhotoTools Professional Edition. A Photoshop Plug-In that includes over 250 photographic effects by Jack Davis and Kevin Kubota. Select, preview and stack multiple effects to get the perfect one-of-a-kind look and then start up the powerful PhotoTools batch processing engine to quickly enhance an entire shoot at once.



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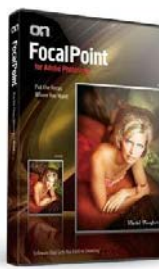
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Plug-in suite 4 includes 6 Photoshop plug-ins that help you maximize the power of Photoshop. you get genuine fractals 5 print pro for high-quality enlargements, phototools 1 professional edition, mask pro 4 for removing backgrounds, photoframe 3.1 professional edition for the perfect finishing touch to your photos and your choice of two plug-ins, phototune 2 and focalpoint 1.



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In any given image, you may need more than one tool to get the job done. That's why Mask Pro 4.1 plug-in for Photoshop provides a complete collection of tools that help you take on the toughest masking project. Included are tools such as the Magic Brush which will remove colors while maintaining transparency as well as touch up tools like the Chisel which will help you get the edges of your image perfect without any edge halos at all.



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Focalpoint gives photographers a way to create realistic depth of field control, plane of focus control and selective focus to any image after it is photographed allowing for more control and precision. the focus bug control in focalpoint has a tangible, hardware feel much like using a lens. it makes it fast for a photographer to define the "sweet spot" either in a round shape or a plane and then control how much and of what kind of blur.

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