

Adobe® Photoshop® CS6 Voluntary Product Accessibility Template

The purpose of the Voluntary Product Accessibility Template is to assist Federal contracting officials in making preliminary assessments regarding the availability of commercial Electronic and Information Technology products and services with features that support accessibility. It is assumed that offerers will provide additional contact information to facilitate more detailed inquiries.

The first table of the Template provides a summary view of the section 508 Standards. The subsequent tables provide more detailed views of each subsection. There are three columns in each table. Column one of the Summary Table describes the subsections of subparts B and C of the Standards. The second column describes the supporting features of the product or refers you to the corresponding detailed table, "e.g., equivalent facilitation." The third column contains any additional remarks and explanations regarding the product. In the subsequent tables, the first column contains the lettered paragraphs of the subsections. The second column describes the supporting features of the product with regard to that paragraph. The third column contains any additional remarks and explanations regarding the product.

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Name of Product: Adobe® Photoshop® CS6

Contact for more Information: access@adobe.com

Guideline	Applicable	Compliance
§1194.21 – Software Applications and Operating Systems	Applicable	Supports with exceptions
§1194.22 – Web-based Intranet and Internet Information and Systems	Applicable	Supports
§1194.23 – Telecommunications Products	Not applicable	-
§1194.24 – Video and Multimedia Products	Applicable	Supports with exceptions
§1194.25 – Self-Contained, Closed Products	Not applicable	-
§1194.26 – Desktop and Portable Computers	Not applicable	-
§1194.31 – Functional Performance Criteria	Applicable	Supports with exceptions
§1194.41 – Information, Documentation, Support	Applicable	Supports

Section 1194.21 Software Applications and Operating Systems - Detail

Criteria	Supporting Features	Remarks and explanations
<p>(a) When software is designed to run on a system that has a keyboard, product functions shall be executable from a keyboard where the function itself or the result of performing a function can be discerned textually.</p>	<p>Supports with exceptions</p>	<p>Customizable keyboard navigation is provided for all menu commands, as well as for selecting and invoking tools, commands, and functions in Photoshop CS6. However, some commands and functions are not usable with the keyboard alone.</p> <p>Most panels, such as the Layers, or Control panel, are not reachable using the keyboard alone.</p> <p>Most drawing and selection tools require the use of a mouse. For example, the Eraser and Brush tools cannot be operated using the keyboard. Interacting with most objects on the canvas requires a mouse.</p> <p>Some controls in dialog boxes are not operable using a keyboard alone. For example, in the New dialog box, the Advanced section is not reachable using a keyboard.</p> <p>The category list in the Preferences dialog box is not operable using a keyboard, though there is a limited alternative available.</p>
<p>(b) Applications shall not disrupt or disable activated features of other products that are identified as accessibility features, where those features are developed and documented according to industry standards. Applications also shall not disrupt or disable activated features of any operating system that are identified as accessibility features where the application programming interface for those accessibility features has been documented by the manufacturer of the operating system and is available to the product developer.</p>	<p>Supports</p>	<p>Photoshop CS6 does not interfere with or deactivate accessibility features of the operating system.</p>

Criteria	Supporting Features	Remarks and explanations
<p>(c) A well-defined on-screen indication of the current focus shall be provided that moves among interactive interface elements as the input focus changes. The focus shall be programmatically exposed so that Assistive Technology can track focus and focus changes.</p>	<p>Supports with exceptions</p>	<p>Focus is well defined visually and is exposed programmatically in most areas of the Photoshop CS6 interface, with some exceptions, including:</p> <ul style="list-style-type: none"> • There is not a well defined on-screen indication of focus for some controls in panels, such as checkboxes in the Character panel. • There is not a well defined indication of focus for combo boxes in some dialog boxes, such as the Save for Web dialog. • In some dialog boxes, such as File Info., focus is not programmatically exposed for all controls.

Criteria	Supporting Features	Remarks and explanations
(d) Sufficient information about a user interface element including the identity, operation and state of the element shall be available to Assistive Technology. When an image represents a program element, the information conveyed by the image must also be available in text.	Supports with exceptions	<p>Most controls in dialog boxes the Photoshop CS6 interface provide sufficient information to assistive technology, while most controls in panels do not.</p> <p>Many controls within panels do not provide identity, role or state information to assistive technology. For example, controls in the Character panel provide role and state information but do not have labels.</p> <p>Buttons in the Timeline panel do not provide sufficient information.</p> <p>There is no role, state or identity information available for objects on the canvas.</p> <p>Controls in some dialog boxes, such as the File Info dialog, do not provide sufficient information.</p> <p>Some individual control types, such as those that open color pickers in dialog boxes, do not provide identity information.</p>
(e) When bitmap images are used to identify controls, status indicators, or other programmatic elements, the meaning assigned to those images shall be consistent throughout an application's performance.	Supports	
(f) Textual information shall be provided through operating system functions for displaying text. The minimum information that shall be made available is text content, text input caret location, and text attributes.	Supports with exceptions	<p>Textual information is programmatically exposed to assistive technologies with some exceptions, including:</p> <ul style="list-style-type: none"> • Text content created on the Canvas, is not exposed to assistive technologies. • Text content in controls in the File Info dialog box is not exposed.

Criteria	Supporting Features	Remarks and explanations
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports with exceptions	With the exception of menus and some controls in panels and dialog boxes, Photoshop CS6 does not support Windows High Contrast Mode.
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Supports	Photoshop CS6 does not use animation in the user interface.
(i) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Supports with exceptions	The Photoshop CS6 user interface does not use color as the only means of conveying information, with the exception of tools that explicitly involve color such as the Histogram and Swatches panels.
(j) When a product permits a user to adjust color and contrast settings, a variety of color selections capable of producing a range of contrast levels shall be provided.	Supports with exceptions	Photoshop CS6 allows users to customize the color theme of the user interface, the interface text size and a number of other options. However, there may not be sufficient options to allow a range of contrast levels.
(k) Software shall not use flashing or blinking text, objects, or other elements having a flash or blink frequency greater than 2 Hz and lower than 55 Hz.	Supports	The Photoshop CS6 user interface does not use flashing or blinking text, objects, or other elements.

Criteria	Supporting Features	Remarks and explanations
(l) When electronic forms are used, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.	Supports with exceptions	<p>Most form controls in Photoshop CS6 expose information programmatically and allow the user to access field elements to complete and submit the forms. There are some exceptions, including:</p> <ul style="list-style-type: none"> • Within most panels, such as the Color and Adjustment panels, focus cannot be placed on controls with the keyboard. • Some controls in dialog boxes are not operable using a keyboard alone. For example, it is not possible to select the Scratch Disk settings in the Preferences dialog box. • Eyedropper and color controls in the Curves dialog box are not reachable with a keyboard. • Some controls in panels and dialog boxes, such as File Info, do not provide sufficient information to assistive technology.

Section 1194.22 Web-based Internet information and applications - Detail

Criteria	Supporting Features	Remarks and explanations
(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	Supports	Photoshop CS6 allows authors to assign alternate text descriptions to images when saving as HTML. Text may also be exported as HTML text.
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Not applicable	Photoshop CS6 is not a multimedia authoring tool.

Criteria	Supporting Features	Remarks and explanations
(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	Supports	Photoshop CS6 provides an authoring environment that allows for arbitrary uses of color and background for layout and design. Authors can create web pages that meet this requirement using Photoshop CS6.
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Supports	It is possible to save HTML pages from Photoshop CS6 that do not require an associated style sheet.
(e) Redundant text links shall be provided for each active region of a server-side image map.	Not applicable	Photoshop CS6 does not create server-side image maps.
(f) Client-side image maps shall be provided instead of server-side image maps except where the regions cannot be defined with an available geometric shape.	Not applicable	Photoshop CS6 does not create client-side image maps.
(g) Row and column headers shall be identified for data tables.	Not applicable	Photoshop CS6 does not create data tables.
(h) Markup shall be used to associate data cells and header cells for data tables that have two or more logical levels of row or column headers.	Not applicable	Photoshop CS6 does not create data tables.
(i) Frames shall be titled with text that facilitates frame identification and navigation	Not applicable	Photoshop CS6 does not create frames.
(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Supports	Photoshop CS6 supports the creation of animations that conform to this requirement. Authors may need to verify their animations are consistent with the standard.
(k) A text-only page, with equivalent information or functionality, shall be provided to make a web site comply with the provisions of this part, when compliance cannot be accomplished in any other way. The content of the text-only page shall be updated whenever the primary page changes.	Supports	Creating a text-only page should not be necessary for Photoshop CS6 HTML pages but can be authored using Photoshop CS6.

Criteria	Supporting Features	Remarks and explanations
(l) When pages utilize scripting languages to display content, or to create interface elements, the information provided by the script shall be identified with functional text that can be read by Assistive Technology.	Supports	Content generated by Photoshop CS6 that uses scripts is available to assistive technology.
(m) When a web page requires that an applet, plug-in or other application be present on the client system to interpret page content, the page must provide a link to a plug-in or applet that complies with §1194.21(a) through (l).	Not applicable	Photoshop CS6 can author, Flash and PDF content. These formats require web browser plug-ins and client applications for viewing. These client applications are available for free download from Adobe.com. If necessary, web masters are encouraged to provide links to these client applications.
(n) When electronic forms are designed to be completed on-line, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.	Not applicable	Photoshop CS6 does not allow for the creation of electronic forms.
(o) A method shall be provided that permits users to skip repetitive navigation links.	Supports	Photoshop CS6 allows for the creation of links.
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not applicable	Photoshop CS6 does not create content that uses timed responses.

Note to 1194.22: The Board interprets paragraphs (a) through (k) of this section as consistent with the following priority 1 Checkpoints of the Web Content Accessibility Guidelines 1.0 (WCAG 1.0) (May 5 1999) published by the Web Accessibility Initiative of the World Wide Web Consortium: Paragraph (a) - 1.1, (b) - 1.4, (c) - 2.1, (d) - 6.1, (e) - 1.2, (f) - 9.1, (g) - 5.1, (h) - 5.2, (i) - 12.1, (j) - 7.1, (k) - 11.4.

Section 1194.24 Video and Multi-media Products - Detail

Criteria	Supporting Features	Remarks and explanations
a) All analog television displays 13 inches and larger, and computer equipment that includes analog television receiver or display circuitry, shall be equipped with caption decoder circuitry which appropriately receives, decodes, and displays closed captions from broadcast, cable, videotape, and DVD signals. As soon as practicable, but not later than July 1, 2002, widescreen digital television (DTV) displays measuring at least 7.8 inches vertically, DTV sets with conventional displays measuring at least 13 inches vertically, and stand-alone DTV tuners, whether or not they are marketed with display screens, and computer equipment that includes DTV receiver or display circuitry, shall be equipped with caption decoder circuitry which appropriately receives, decodes, and displays closed captions from broadcast, cable, videotape, and DVD signals.	Not applicable	
(b) Television tuners, including tuner cards for use in computers, shall be equipped with secondary audio program playback circuitry.	Not applicable	
(c) All training and informational video and multimedia productions which support the agency's mission, regardless of format, that contain speech or other audio information necessary for the comprehension of the content, shall be open or closed captioned.	Supports with exceptions	Authors exporting video from Photoshop CS6 can supply closed captions through a separate process, which depends on the destination of the video. Open captions can be added to video directly in Photoshop CS6.
(d) All training and informational video and multimedia productions which support the agency's mission, regardless of format, that contain visual information necessary for the comprehension of the content, shall be audio described.	Supports	Authors can include an additional audio track for audio description information that will be included as part of the video file, or authors can provide audio description through a separate process.
(e) Display or presentation of alternate text presentation or audio descriptions shall be user-selectable unless permanent.	Does not support	Captions and audio descriptions can be set to be user controllable in a separate process depending on the final export format. For example, Adobe Encore CS6 can be used to add captions.

Section 1194.31 Functional Performance Criteria - Detail

Criteria	Supporting Features	Remarks and explanations
(a) At least one mode of operation and information retrieval that does not require user vision shall be provided, or support for Assistive Technology used by people who are blind or visually impaired shall be provided.	Does not support	Many controls in the Photoshop CS6 interface provide full keyboard access and sufficient information to assistive technology. However, some functions such as interacting with panels, some controls in dialog boxes and manipulating objects and editing text on the canvas are not fully supported for screen readers.
(b) At least one mode of operation and information retrieval that does not require visual acuity greater than 20/70 shall be provided in audio and enlarged print output working together or independently, or support for Assistive Technology used by people who are visually impaired shall be provided.	Supports with exceptions	Photoshop CS6 supports the use of screen magnifiers. However, there is not a well defined on-screen indication of focus for some controls panels, such as checkboxes in the Character panel. In some dialog boxes, such as File Info, focus is not programmatically exposed for all controls.
(c) At least one mode of operation and information retrieval that does not require user hearing shall be provided, or support for Assistive Technology used by people who are deaf or hard of hearing shall be provided	Supports	
(d) Where audio information is important for the use of a product, at least one mode of operation and information retrieval shall be provided in an enhanced auditory fashion, or support for assistive hearing devices shall be provided.	Supports	
(e) At least one mode of operation and information retrieval that does not require user speech shall be provided, or support for Assistive Technology used by people with disabilities shall be provided.	Supports	

Criteria	Supporting Features	Remarks and explanations
(f) At least one mode of operation and information retrieval that does not require fine motor control or simultaneous actions and that is operable with limited reach and strength shall be provided.	Supports with exceptions	<p>Photoshop CS6 supports accessibility features of the operating system such as Sticky Keys, which may be used during some editing operations that may require the use of keyboard modifiers and mouse selections.</p> <p>However some operations, such as constraining shape tools, require mouse and keyboard combinations that may not be possible for some users.</p>

Section 1194.41 Information, Documentation, and Support - Detail

Criteria	Supporting Features	Remarks and explanations
(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge.	Supports	Adobe provides electronic versions of all product support documentation.
(b) End-users shall have access to a description of the accessibility and compatibility features of products in alternate formats or alternate methods upon request, at no additional charge.	Supports	Adobe provides information on accessibility features in the documentation. Electronic versions of all product support documentation are provided.
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports	Product support for Adobe products is available in a variety of formats and from a number of online sources available from Adobe Systems.