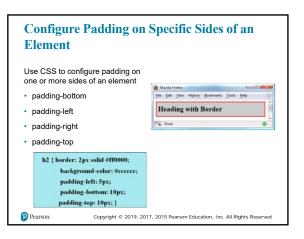
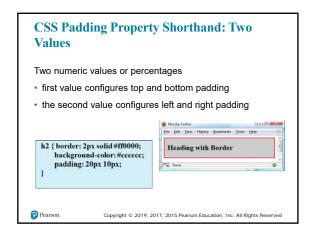
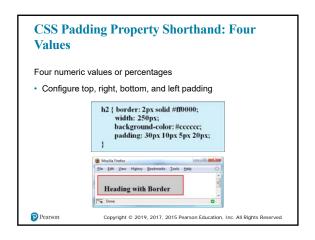
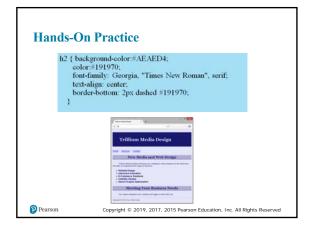


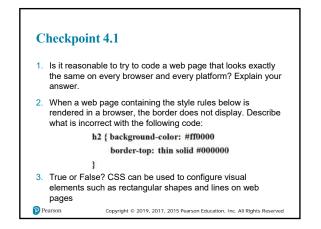
CSS Padding Property
Configures empty space between the content of the HTML element and the border
Set to 0px by default
h2 { border: 2px solid #ff0000; padding: 5px; }
Heading with Border
No padding property configured:
Heading with Border
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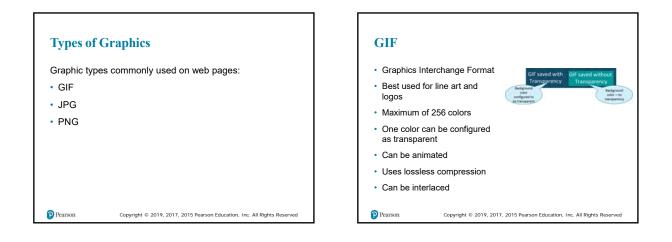


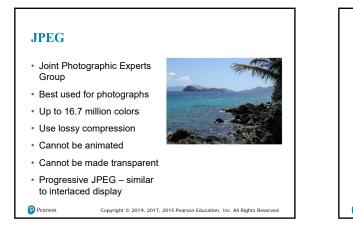












PNG

- · Portable Network Graphic
- Support millions of colors
- Support multiple levels of transparency (but most browsers do not -- so limit to one transparent color for Web display)
- Support interlacing
- Use lossless compression
- · Combines the best of GIF & JPEG
- · Browser support is growing
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HTML Image Element

- · Configures graphics on a web page
-
- src Attribute

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- File name of the graphic
- alt Attribute
- Configures alternate text description
- height Attribute



- width Attribute - Width of the graphic in pixels
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Accessibility & Images

Required:

- Configure the alt attribute
 - Alternate text content to convey the meaning/intent of the image
 - Not the file name of the image
 - Use alt="" for purely decorative images

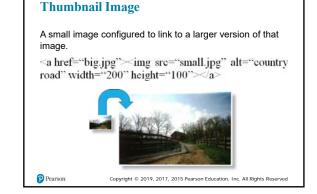
Recommended:

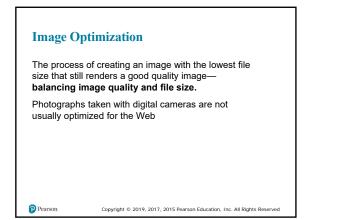
• If your site navigation uses image links for the main navigation, provide simple text links at the bottom of the page.

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Image Link · To create an image hyperlink use an anchor element to contain an image element · Some browsers automatically add a border to image links. Configure CSS to eliminate the border img { border-style: none; }

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Optimize an Image for the Web

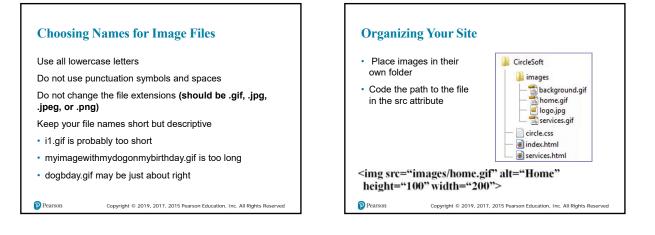
Image Optimization

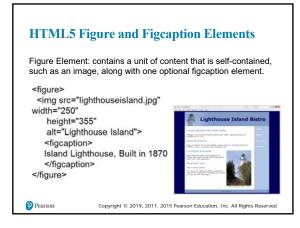
- · Reduce the file size of the image
- · Reduce the dimensions of the image to the actual width and height of the image on the web page.

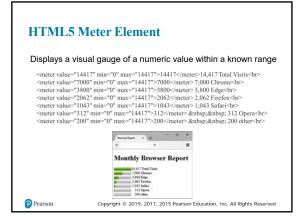
Image Editing Tools:

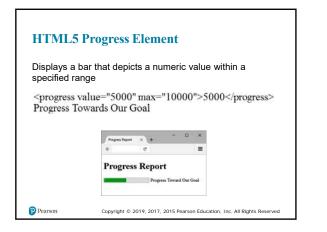
- GIMP (free!)
- Adobe Photoshop
- <u>https://pixlr.com/editor</u> (free!)

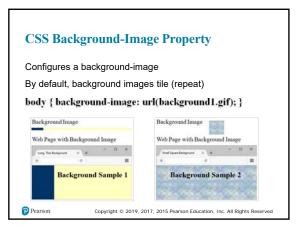
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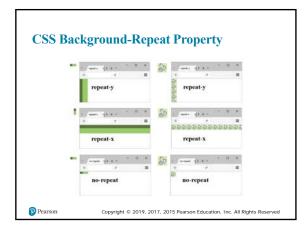


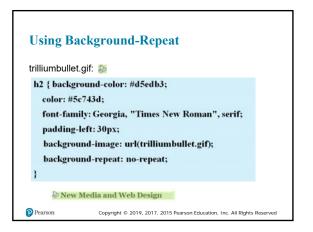


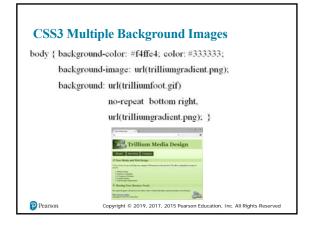


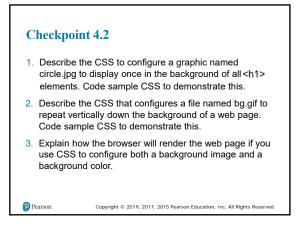


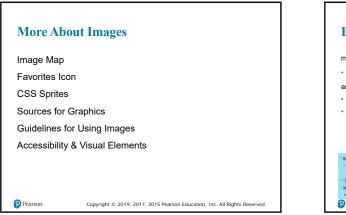


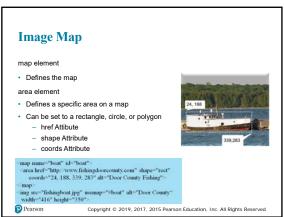


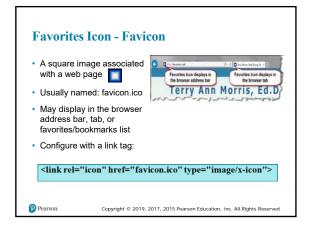


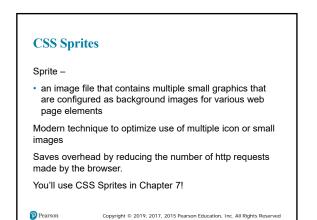


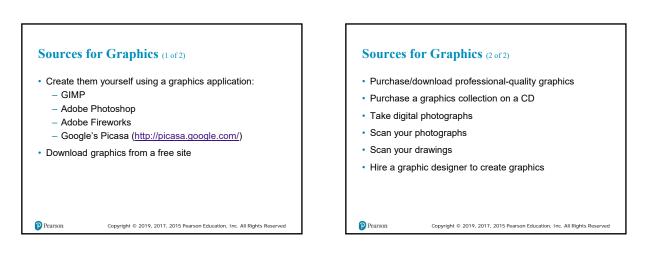












Guidelines for Using Images

Reuse images

Consider image file size with image quality

Consider image load time

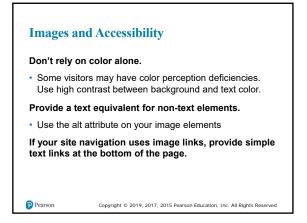
Use appropriate resolution

Specify dimensions

Be aware of brightness and contrast

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Checkpoint 4.3

Search for a site that uses image links to provide navigation. List the URL of the page.

What colors are used on the image links?

If the image links contain text, is there good contrast between the background color and letters on the image links?

Would the page be accessible to a visitor who is sight-challenged?

How have accessibility issues been addressed?

Is the alt attribute used to describe the image link?

Is there a row of text links in the footer section of the page?

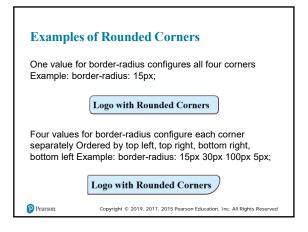
Answer the questions above and discuss your findings.

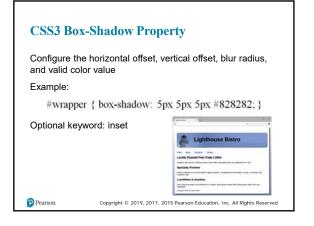
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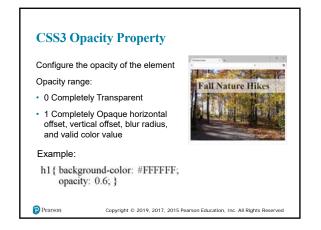
CSS3 Rounded Corners border-radius property • Configures the horizontal radius and vertical radius of the corner • Numeric value(s) with unit (pixel or em) or percentage Example h1 { border-radius: 15px; } Logo with Rounded Corners

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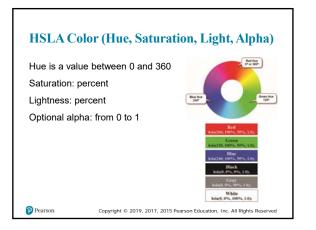
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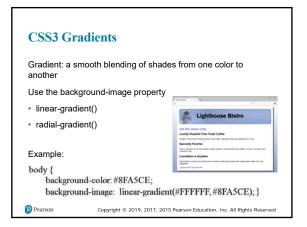












Summary

- This chapter introduced the use of visual elements and graphics on web pages.
- As you continue to create web pages, look back at the guidelines and accessibility issues related to graphics.
- The number one reason for visitors to leave web pages is too long of a download time. When using images, be careful to minimize this issue.
- Provide alternatives to images (such as text links) and use the alt attribute on your pages.

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<text><text><page-footer>