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HTML Images

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Images can improve the design and the appearance of a web page.

Example

```

```

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Example

```

```

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Example

```

```

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HTML Images Syntax

In HTML, images are defined with the `` tag.

The `` tag is empty, it contains attributes only, and does not have a closing tag.

The `src` attribute specifies the URL (web address) of the image:

```

```

The alt Attribute

The `alt` attribute provides an alternate text for an image, if the user for some reason cannot view it (because of slow connection, an error in the `src` attribute, or if the user uses a screen reader).

The value of the `alt` attribute should describe the image:

Example

```

```

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If a browser cannot find an image, it will display the value of the `alt` attribute:

Example

```

```

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Note: The `alt` attribute is required. A web page will not validate correctly without it.

Image Size - Width and Height

You can use the `style` attribute to specify the width and height of an image.

Example

```

```

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Alternatively, you can use the `width` and `height` attributes:

Example

```

```

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The `width` and `height` attributes always defines the width and height of the image in pixels.

Note: Always specify the width and height of an image. If width and height are not specified, the page might flicker while the image loads.

Width and Height, or Style?

The `width`, `height`, and `style` attributes are valid in HTML.

However, we suggest using the `style` attribute. It prevents styles sheets from changing the size of images:

Example

```
<!DOCTYPE html>
<html>
<head>
<style>
img {
  width: 100%;
}
</style>
</head>
<body>




</body>
</html>
```

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Images in Another Folder

If not specified, the browser expects to find the image in the same folder as the web page.

However, it is common to store images in a sub-folder. You must then include the folder name in the `src` attribute:

Example

```

```

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Images on Another Server

Some web sites store their images on image servers.

Actually, you can access images from any web address in the world:

Example

```

```

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You can read more about file paths in the chapter [HTML File Paths](#).

Animated Images

HTML allows animated GIFs:

Example

```

```

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Image as a Link

To use an image as a link, put the `` tag inside the `<a>` tag:

Example

```
<a href="default.asp">  
    
</a>
```

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Note: `border:0;` is added to prevent IE9 (and earlier) from displaying a border around the image (when the image is a link).

Image Floating

Use the CSS `float` property to let the image float to the right or to the left of a text:

Example

```
<p>
The image will float to the right of the text.</p>
```

```
<p>
The image will float to the left of the text.</p>
```

Try it Yourself »

Tip: To learn more about CSS Float, read our [CSS Float Tutorial](#).

HTML Screen Readers

A screen reader is a software program that reads the HTML code, converts the text, and allows the user to "listen" to the content. Screen readers are useful for people who are visually impaired or learning disabled.

Chapter Summary

- Use the HTML `` element to define an image
- Use the HTML `src` attribute to define the URL of the image
- Use the HTML `alt` attribute to define an alternate text for an image, if it cannot be displayed
- Use the HTML `width` and `height` attributes to define the size of the image

- Use the CSS **width** and **height** properties to define the size of the image (alternatively)
- Use the CSS **float** property to let the image float

Loading images takes time. Large images can slow down your page. Use images carefully.

HTML Exercises

Test Yourself With Exercises

Exercise:

Use the HTML image attributes to set the size of the image to 250 pixels wide and 400 pixels tall.

```

```

[Submit Answer »](#)

[Start the Exercise](#)

HTML Image Tags

| Tag | Description |
|-----|-------------|
| | |

| | |
|------------------------|--|
| <u></u> | Defines an image |
| <u><map></u> | Defines an image-map |
| <u><area></u> | Defines a clickable area inside an image-map |
| <u><picture></u> | Defines a container for multiple image resources |

For a complete list of all available HTML tags, visit our [HTML Tag Reference](#).

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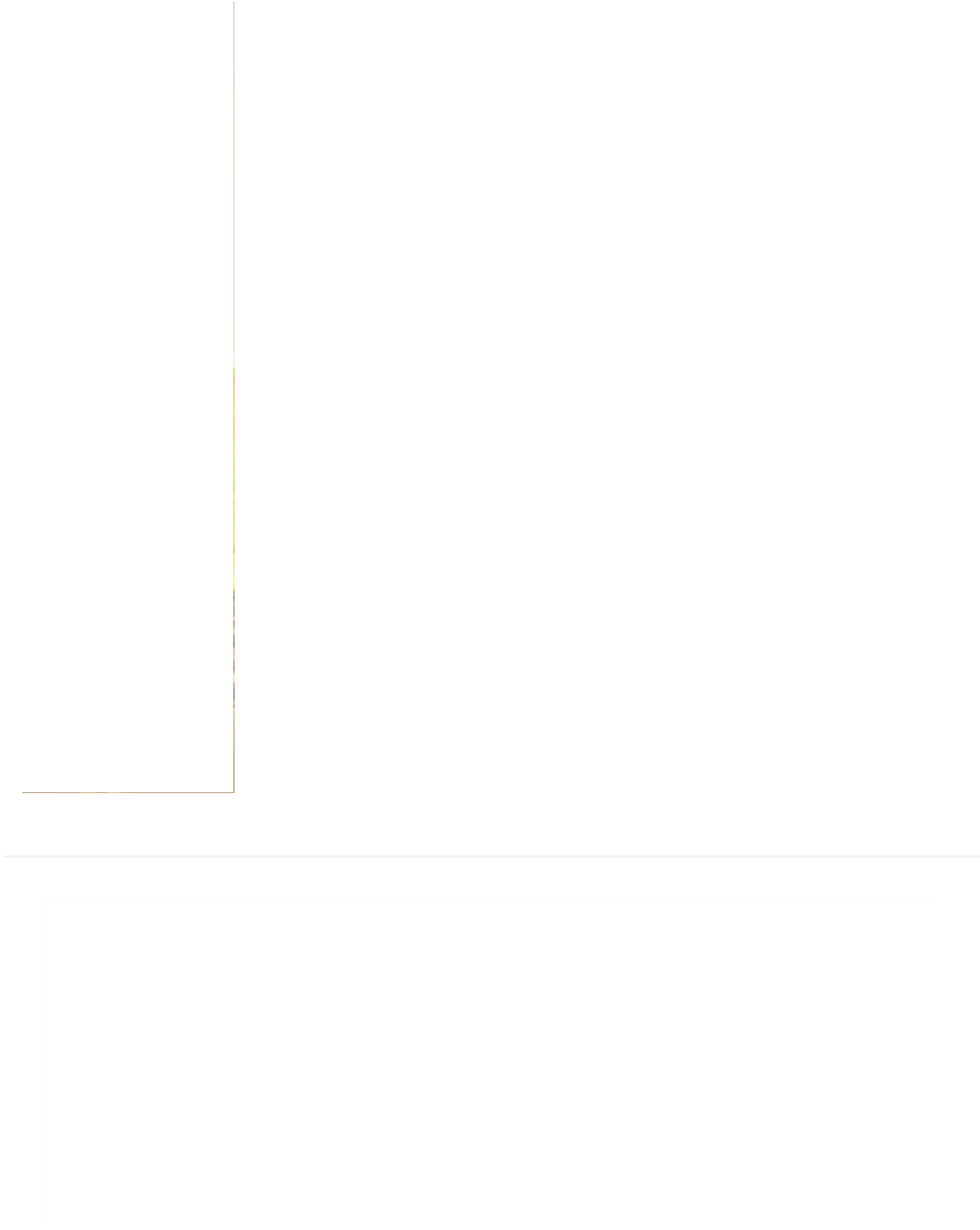
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