Adding Images to Our Page

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Overview

Working with images on our pages

Using the img element

Adding the figure element

Creating a favicon

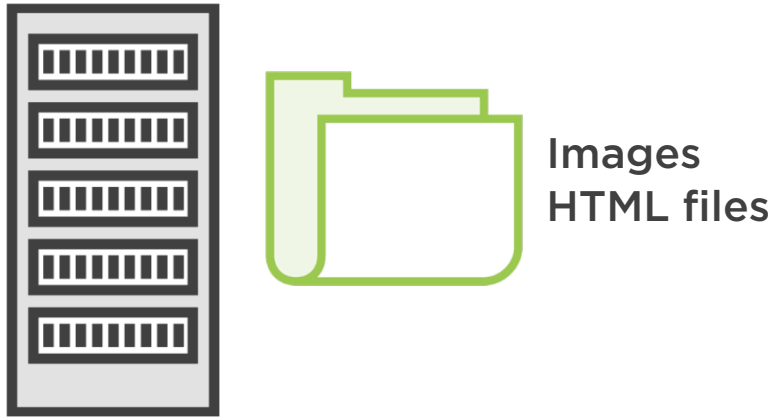
Working with Images on Our Pages

Images are referenced

- Embedded content

Images Are Referenced

```
<img src="pie.jpg"/>
```



Reference types

- Relative, within own site:
  /images/image1.jpg
- Absolute:
  http://www.bethanyspieshop.com/image1.jpg

Commonly Used Image Types

.gif

256 colors

Animated

Transparent

Not for images

.png

More colors

Transparent

Icons

Not animated

.jpg or .jpeg

16.7 million colors

Not animated or transparent

Used for photos

.svg

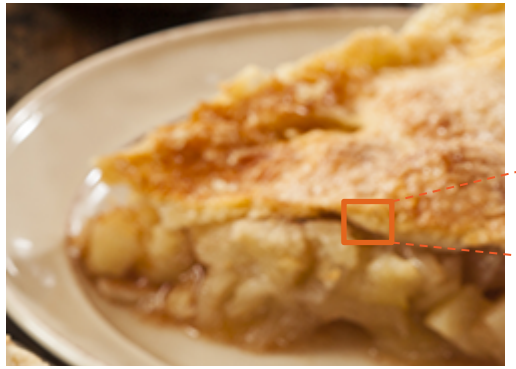
Vector-based

Scales infinitely

Bitmap-based Images

300px

200px



pie.jpg

#f1cc9d	#d4bd9d	#d4bd9d	#cc9f56
#dfd4c3	#d4bd9d	#d4bd9d	#cc9f56
#d8c4a6	#d8c4a6	#d8c4a6	#d8c4a6

Scaling Images

Bitmaps

Vectors

Using the img Element

Using the img Element

```
<img src="images/products/cheesecakesmall.jpg"/>
```

Empty element

Adding the alt

```
<img
  src="images/products/cheesecakesmall.jpg"
  alt="Cheese cake with strawberry" />
```

Setting the Width and Height

```
<img
  src="images/products/cheesecakesmall.jpg"
  alt="Cheese cake with strawberry"
  width="300"
  height="200" />
```

Size of images

It’s best to size your images separately

Image files can be very large and slow to download

Demo

Adding images to the website

Showing images and logos to our page

Adding the Figure Element

<figure> gives semantic meaning to image

- Container for image or graph within a document
- Can have caption through <figcaption>

The figure element

index.html

```
<figure>
  <img src="applepie.jpg" alt="An apple pie“
    width="300" height="150">
</figure>
```

Demo

Adding a figure

Using the figcaption

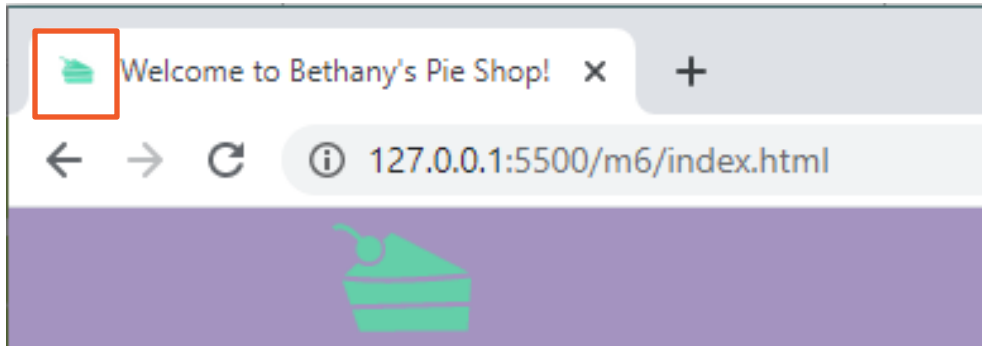
Creating a Favicon

Image used by browser for a page

Address bar, tab...

png, gif, or ico

32x32 or 16x16



Demo

Generating the icon

Adding the favicon to our page

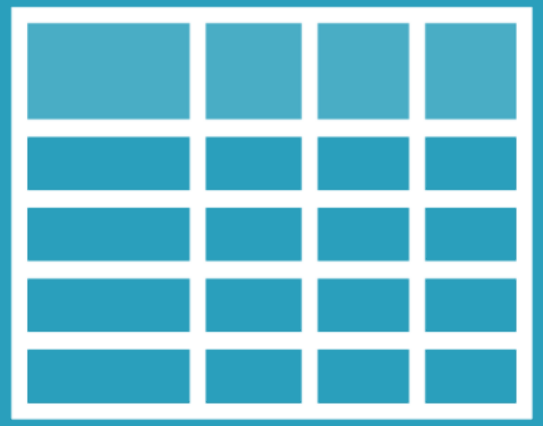
Summary

Images are used on almost every web page

- <img>

Different types exist, each with their uses

Don’t forget to add the alt



Up next:

Adding a table