

Class 4: Working with images

Code concepts

- `img` tag

Design & process concepts

- File size vs file dimensions
- Resizing, cropping, saving for web
- Slicing images
- Image types: JPG, PNG, GIF
- Text anti-aliasing
- Gradients, effects
- layers & transparency

Homework due next week:

- Assignment 4.1: Salmon recipe with images
- *Assignment 4.2: Mockups

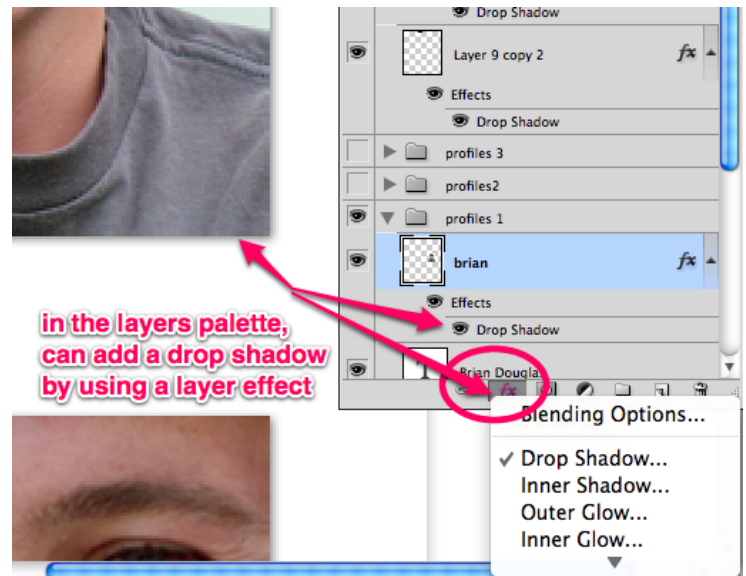
size vs dimensions

File size
Kilobytes of data

File dimensions
width x height (in pixels)



Name Josh.jpg
Kind JPEG image
Size 758 KB on disk
Created 9/17/11 3:01 PM
Modified 9/17/11 4:15 PM
Last opened Today 10:25 PM
Dimensions 5120 x 3404



without anti-aliasing

with anti-aliasing

WE BREW OUR OWN BEERS,
WE MAKE OUR OWN FOOD,

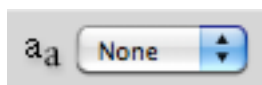


Image types

JPG

- Good for photos lots of detail
- Compresses well
- High compression introduces artifacts

GIF

- Uses only web-safe colors, dithering
- Lossless, good for text, vector art
- Can be animated
- Transparent/opaque pixels only. Should matte to background color to prevent color 'halos'

PNG

- Lossless, full RGB
- Alpha transparency (semi-opaque pixels)
- Good for site features needing alpha transparent

checker pattern in Photoshop
indicates transparent areas



Matte gif files to the background color to create illusion of semi-transparency.

Slicing

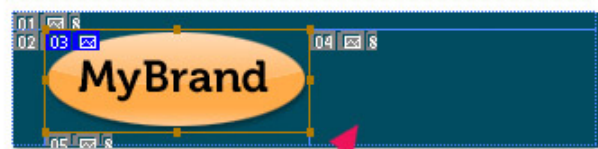
- Slice Tool is located under the crop tool



Create slices

- Double click a slice using the Slice select tool to name your slices.
- Slice around important parts of your page.
- Use the save-for-web dialog and optimize file size

Create slices around images. Do not include solid background colors since it adds file size.



Set the background-color of the
logo's container through CSS