Introduction to SVG

What is SVG?

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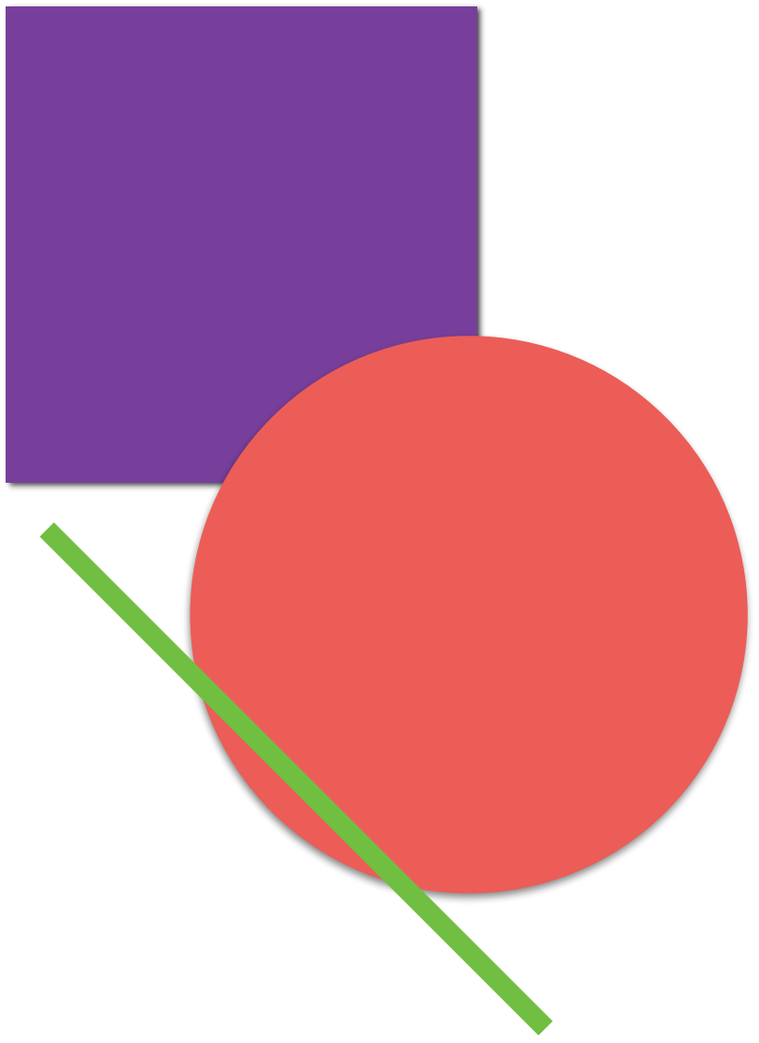
Scalable
Vector
Graphics



SVG vs. Image

SVG	Image
Can make bigger or smaller and will never be grainy	Will look grainy when displayed too big
Less data = smaller file size	More detailed data = bigger file size
Great for simple graphics with little detail	Great for complex graphics and photos

How do I make a SVG?

- **Best way:** Use an image editor - Adobe Illustrator, Inkspace, etc.

- **Otherwise:** Code it yourself!

Shapes

- Circles
- Ellipses
- Rectangles (and squares)
- Lines
- Polygons (triangles, decagons, and shapes with even more sides)
- Paths (advanced stuff!)

Code Example Time!

SVG Files

Real World Scenario:

Website design include social media links.

More SVG references

- W3 Schools SVG tutorial
  (Focused on code)
  http://www.w3schools.com/svg/

- CSS Tricks: SVGs
  (Focused on SVG files)
  https://css-tricks.com/using-svg/

- Tutorial on SVG paths
  http://tutorials.jenkov.com/svg/path-element.html

- Sara Soueidan's Twitter feed
  (She does cool things with SVGs)
  https://twitter.com/SaraSoueidan