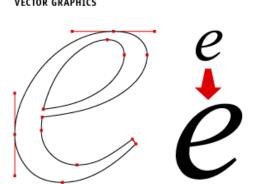
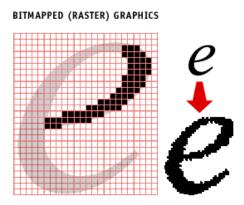
Adobe Illustrator Crash Course

Super-Basics: Navigation & Terminology

What is Adobe Illustrator?

- ► A powerful editing software that specializes in vector graphics
 - Vector image: an image format based on vectors, which go through locations called nodes (or control points) to create clean, resizable images
 - Raster image: an image format based on pixels stored in a rectangular image matrix, typically used for photo storage
- Although both formats have their strengths and weaknesses, vector graphics are superior when sending commands to machines such as the laser cutter or plasma cutter





What are we learning?

- Adobe Illustrator is actually a very versatile program with a wide variety of functions and applications
- ► However, we'll only consider uses that are frequently needed in the OEDK:
 - ▶ Basic Illustrations: combining simple shapes to create proof-of-concept
 - ▶ 2D CAD (computer-aided design): creating files that can be used with the lasercutter or plasma cutter
- You can read about some of the other applications here
 - https://helpx.adobe.com/illustrator/how-to/what-is-illustrator.html

Starting Tips

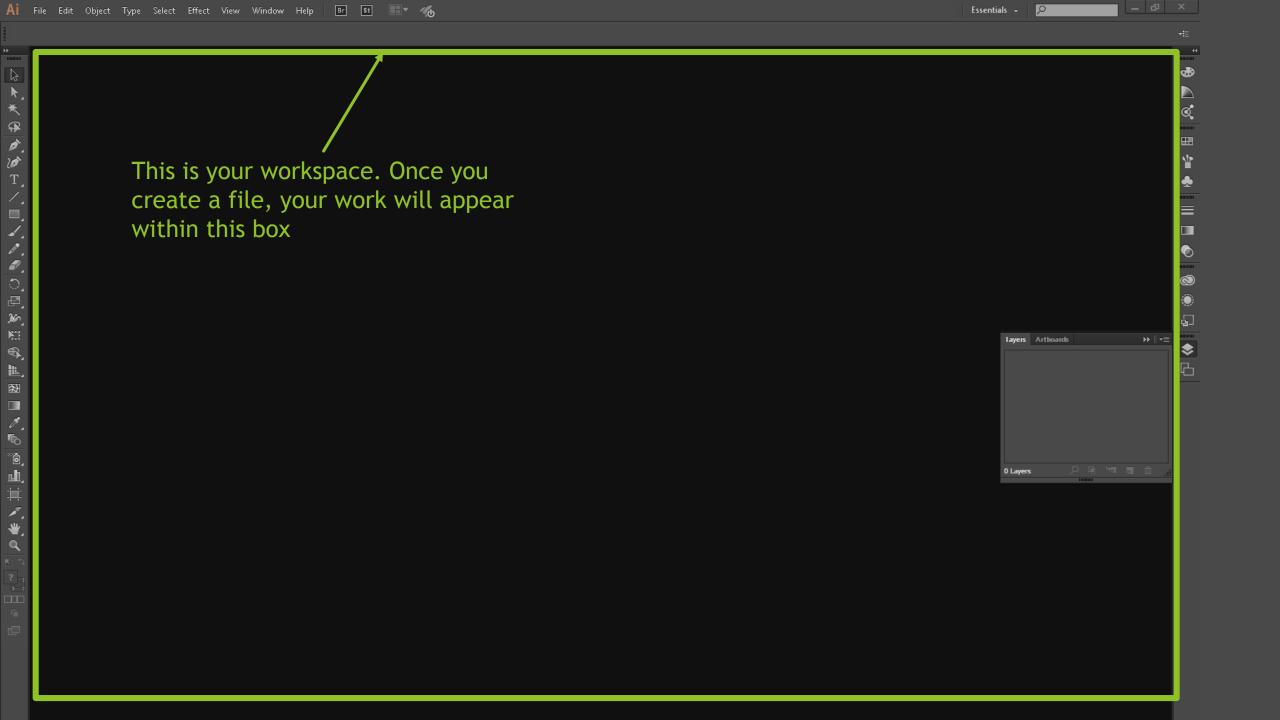
- ► Hotkeys: using hotkeys is weird at first, but can make your overall CAD workflow much faster
 - ► Also, your ability to CAD quickly is a great conversation starter for dinner parties*
 - *probably not
- ► CAD with both hands: use the right hand on the mouse (selecting objects) and the left hand on the keyboard (using hotkeys)
- ► Save often.

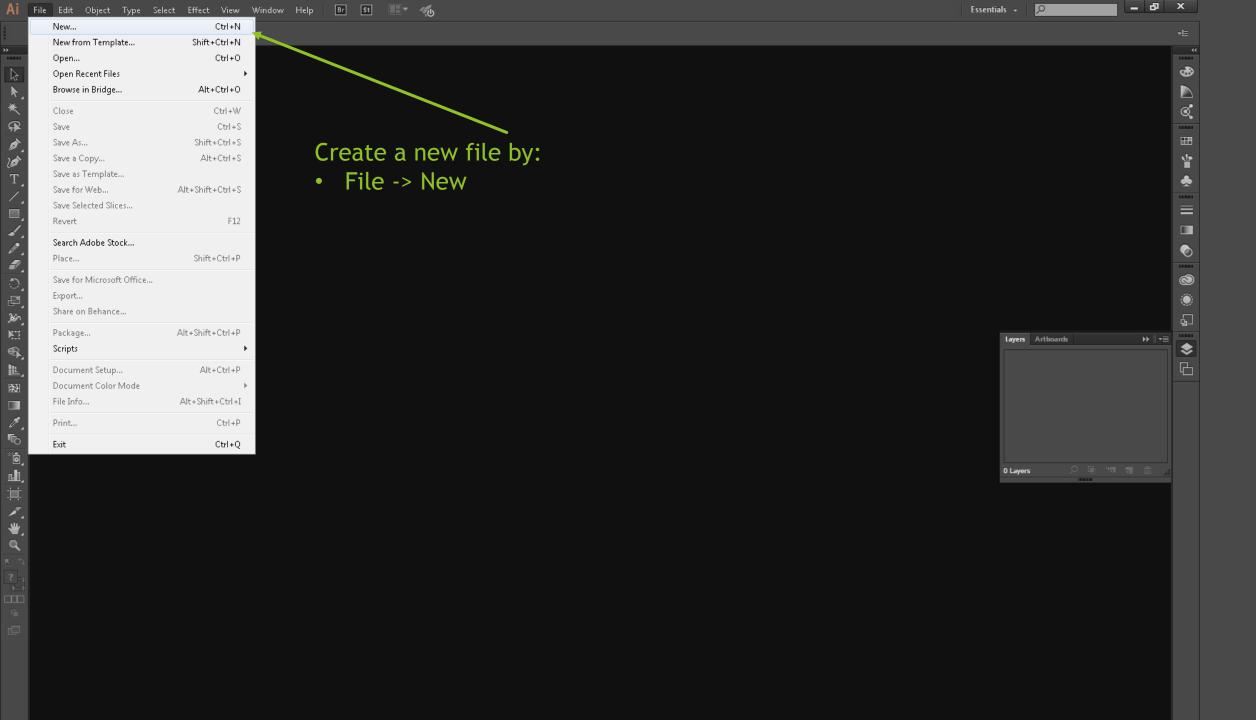
The Super-Basics

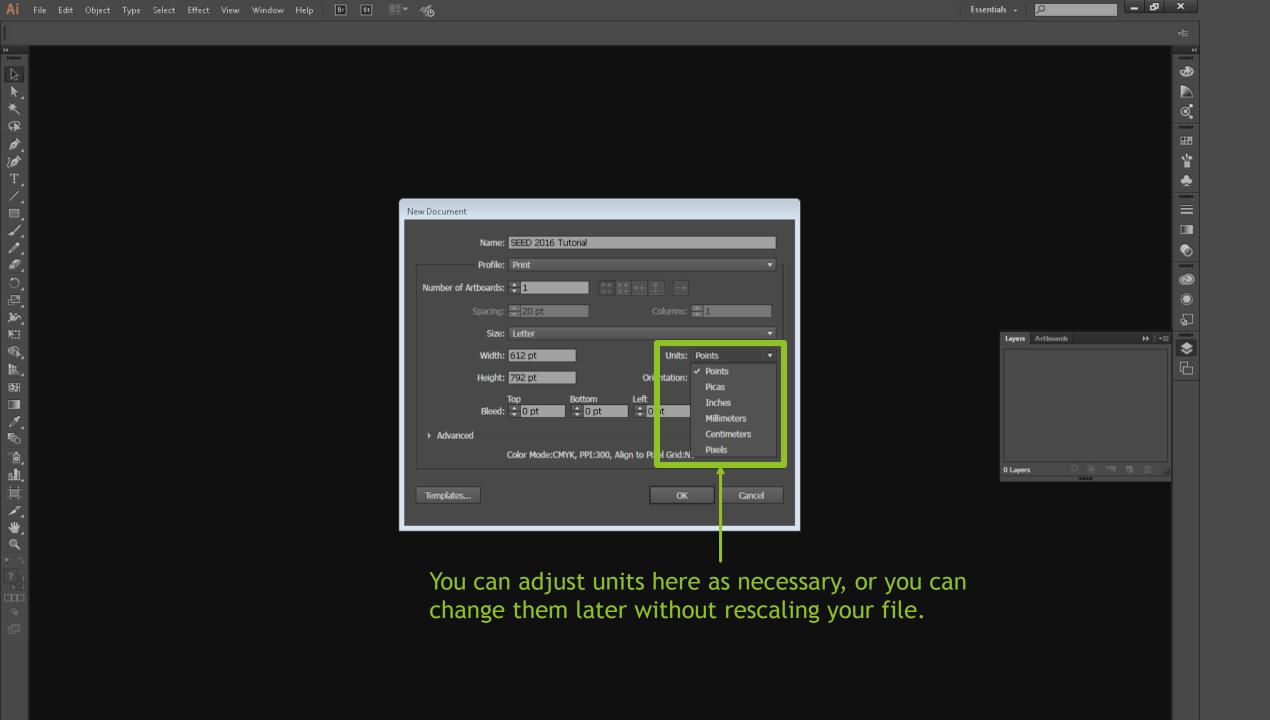
- Creating a file
- Adjusting units
- Artboards
- Navigating a file
- Layers

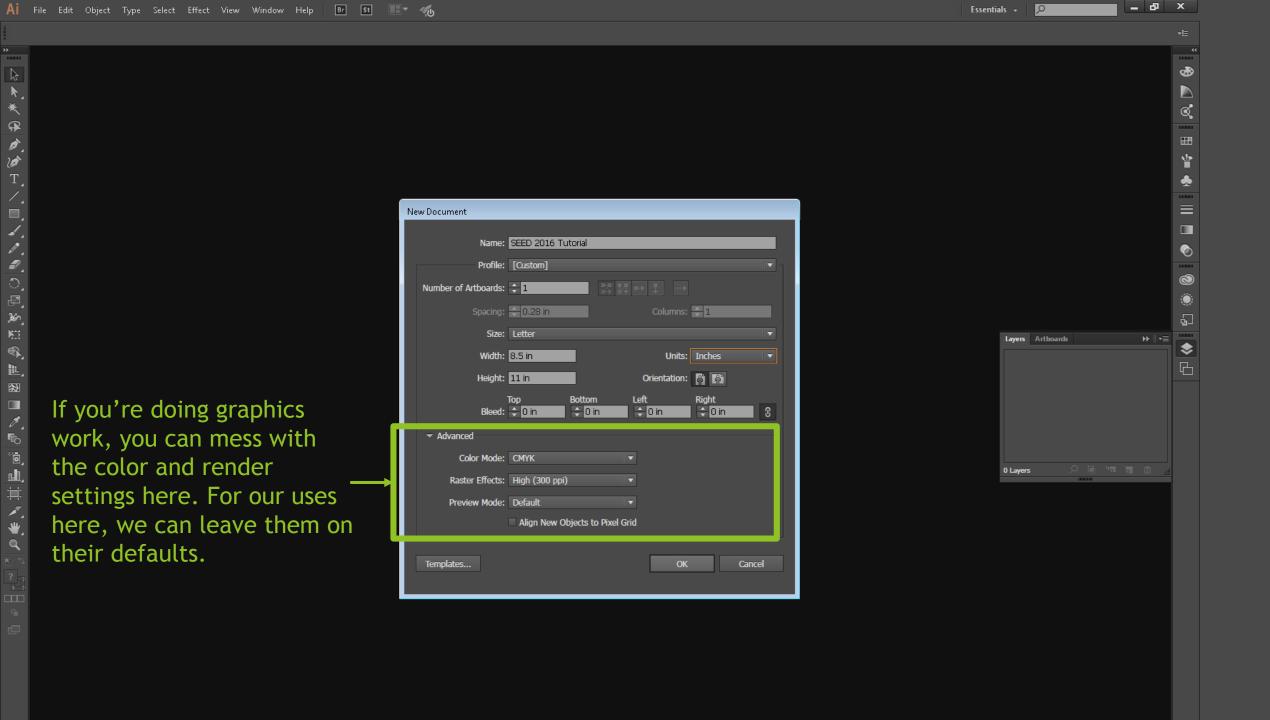
Getting Started

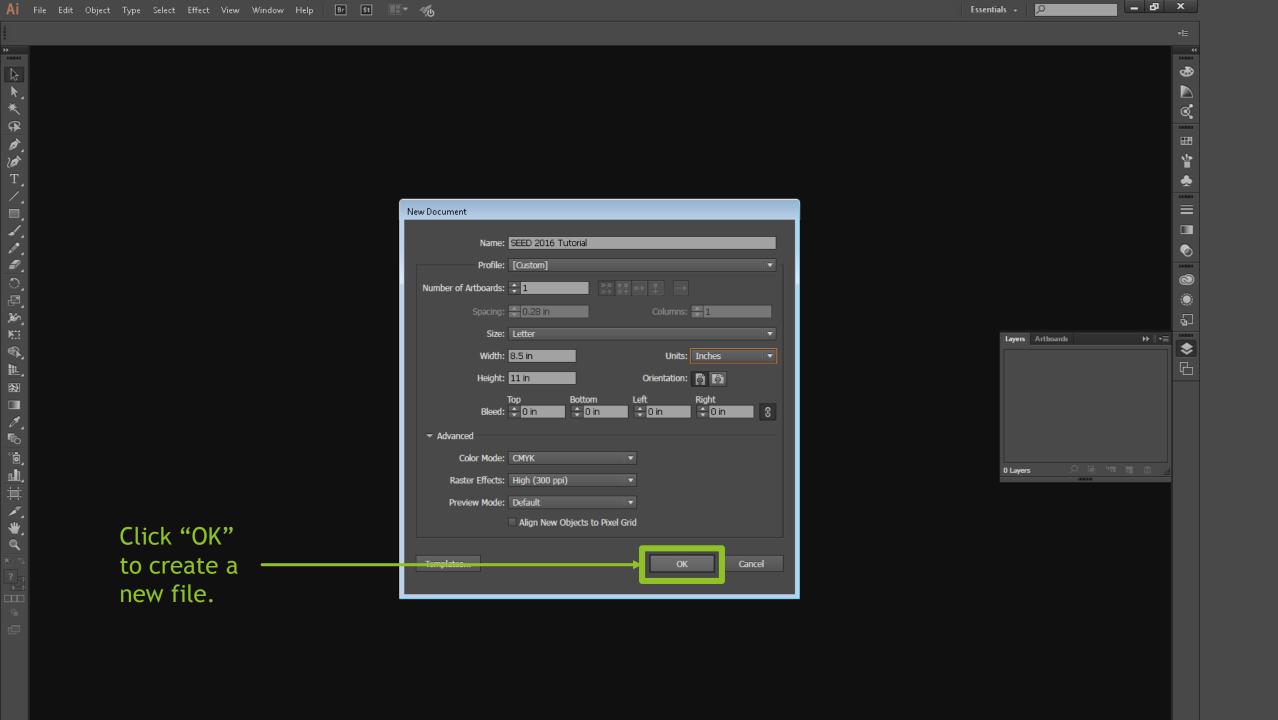


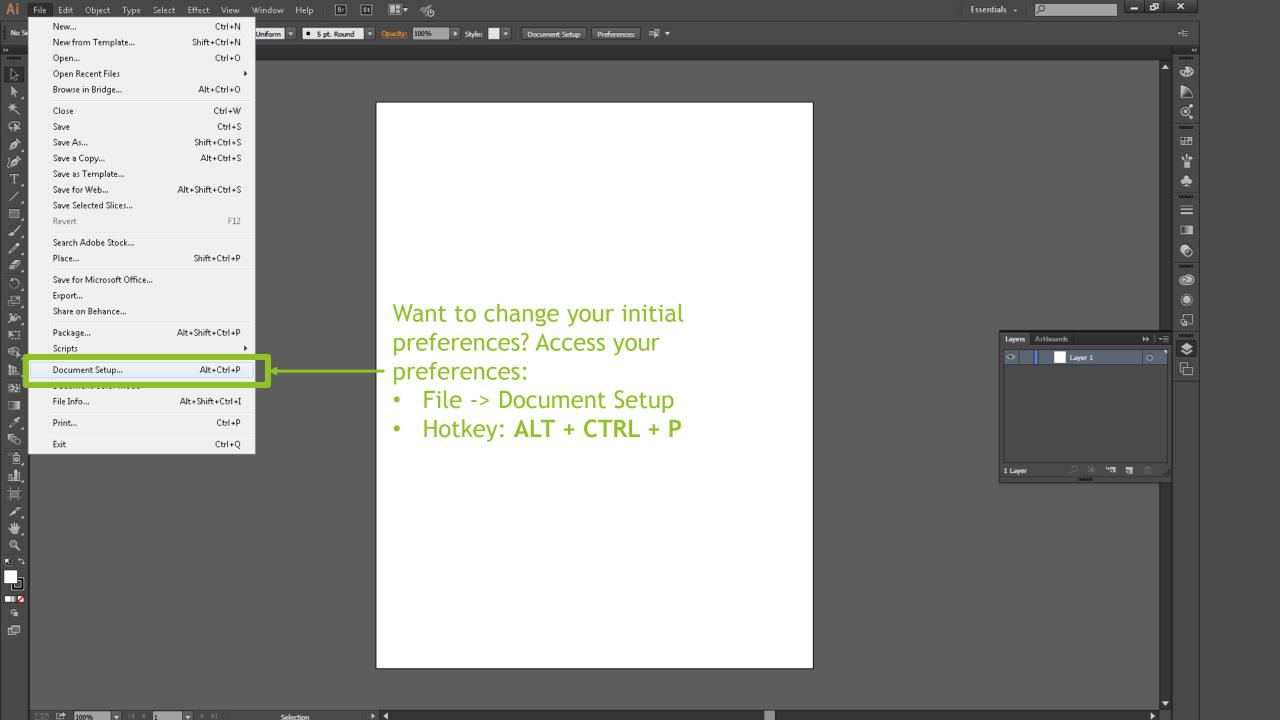


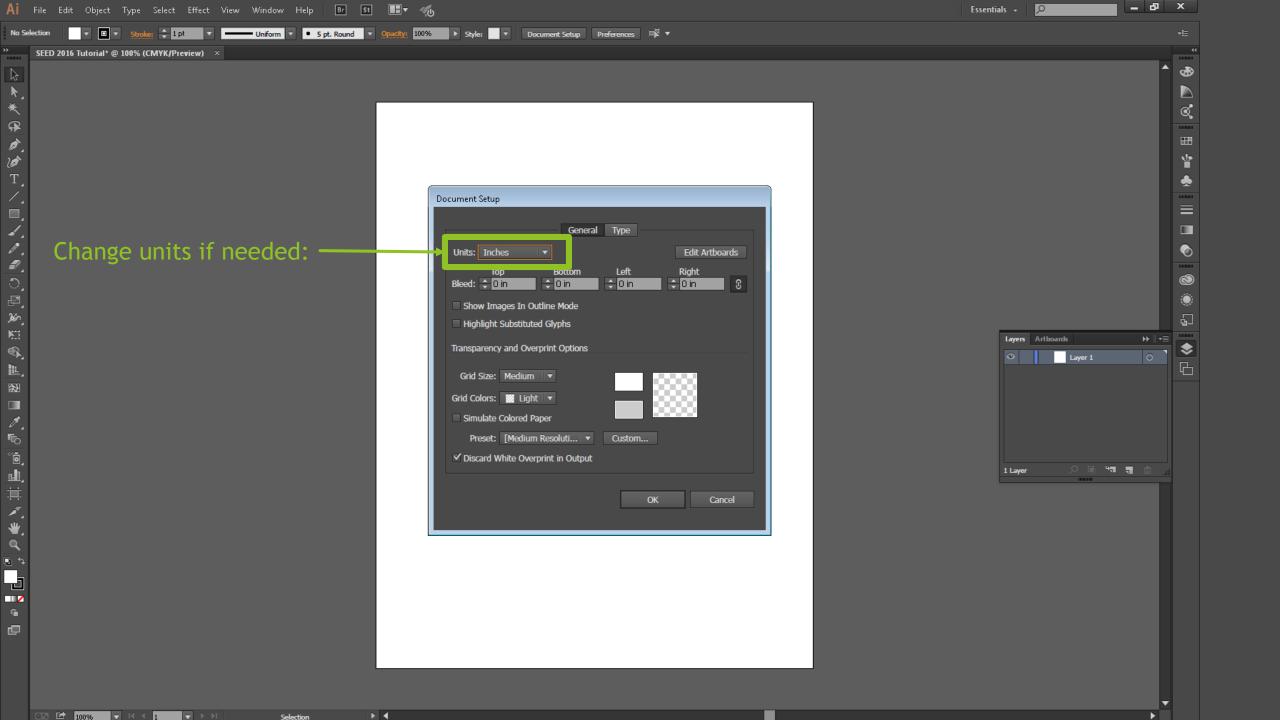


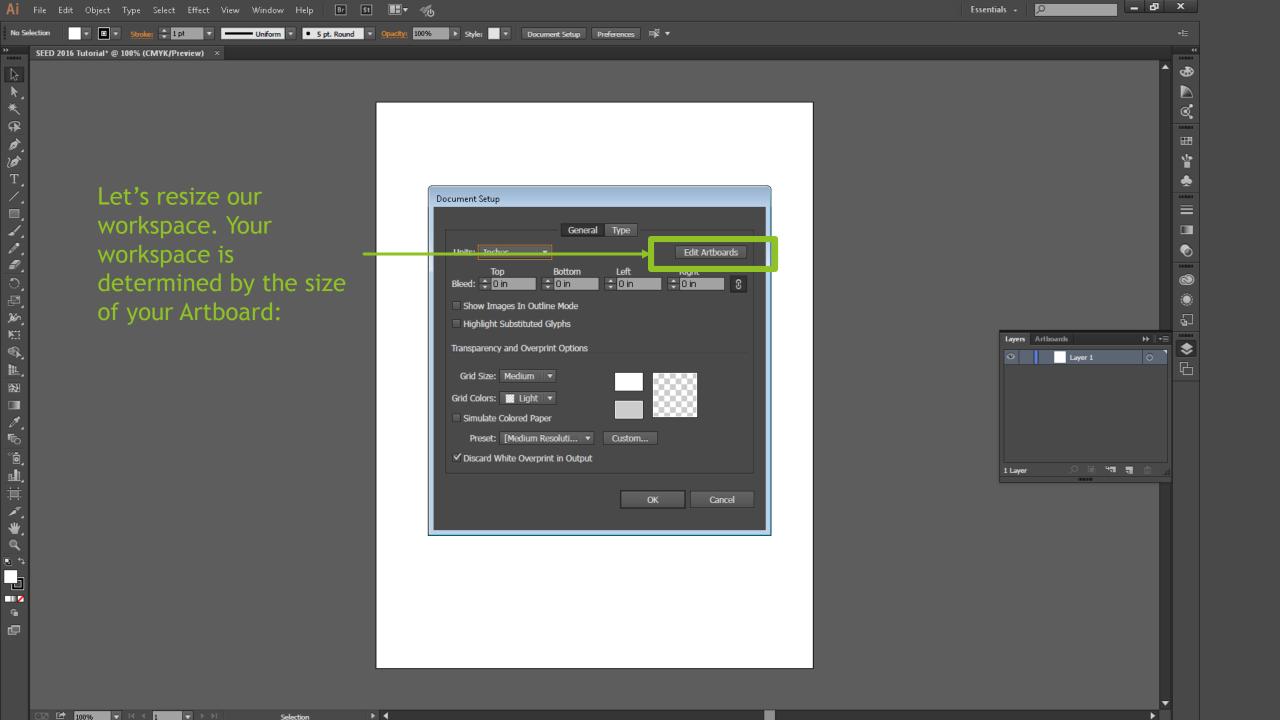


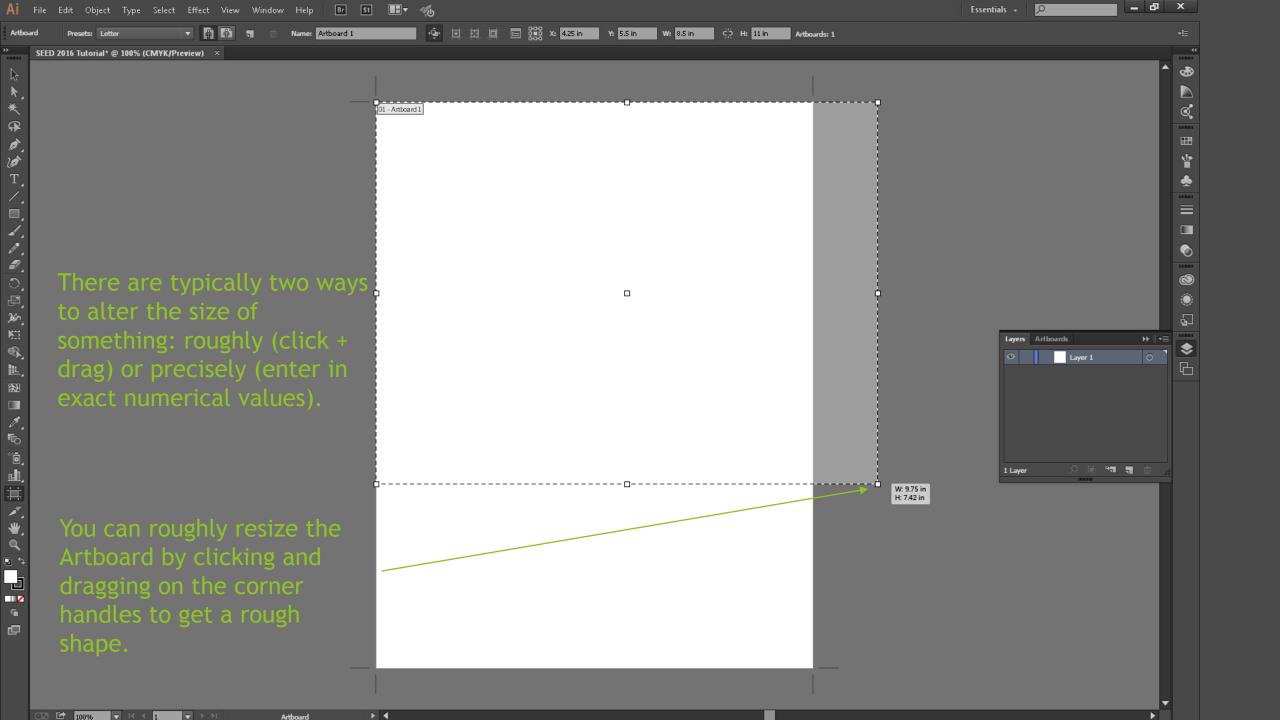


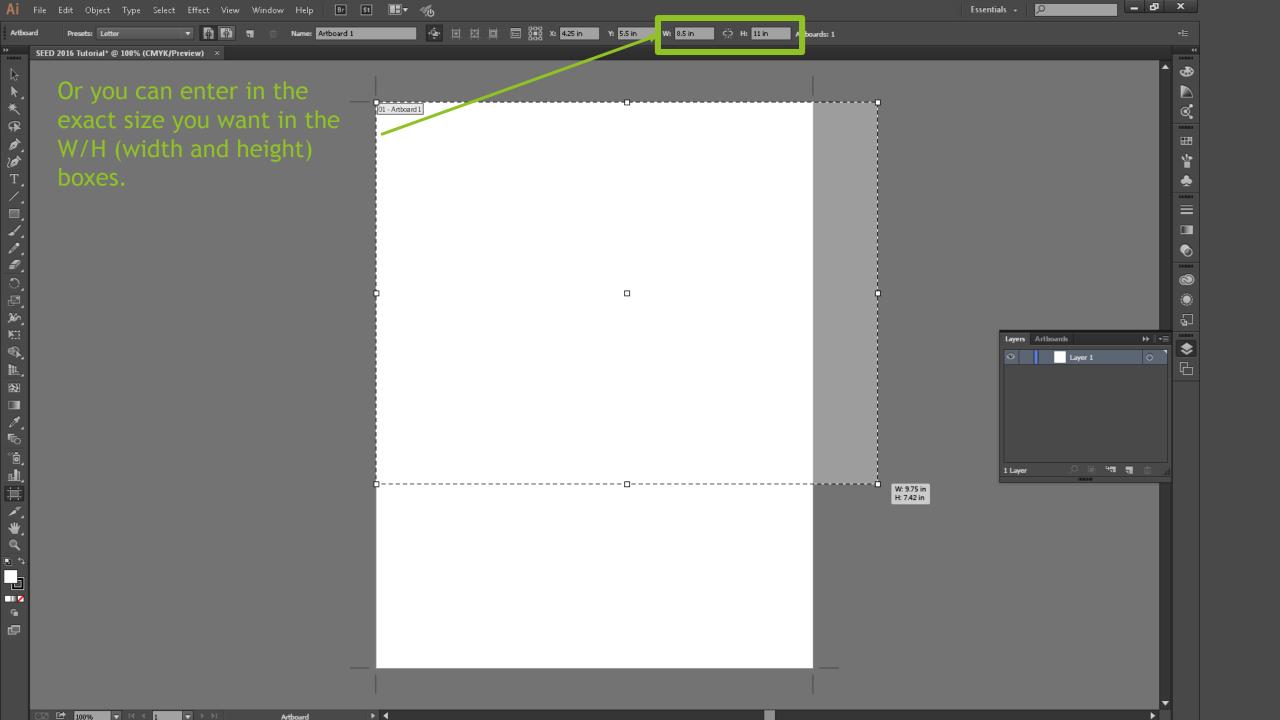


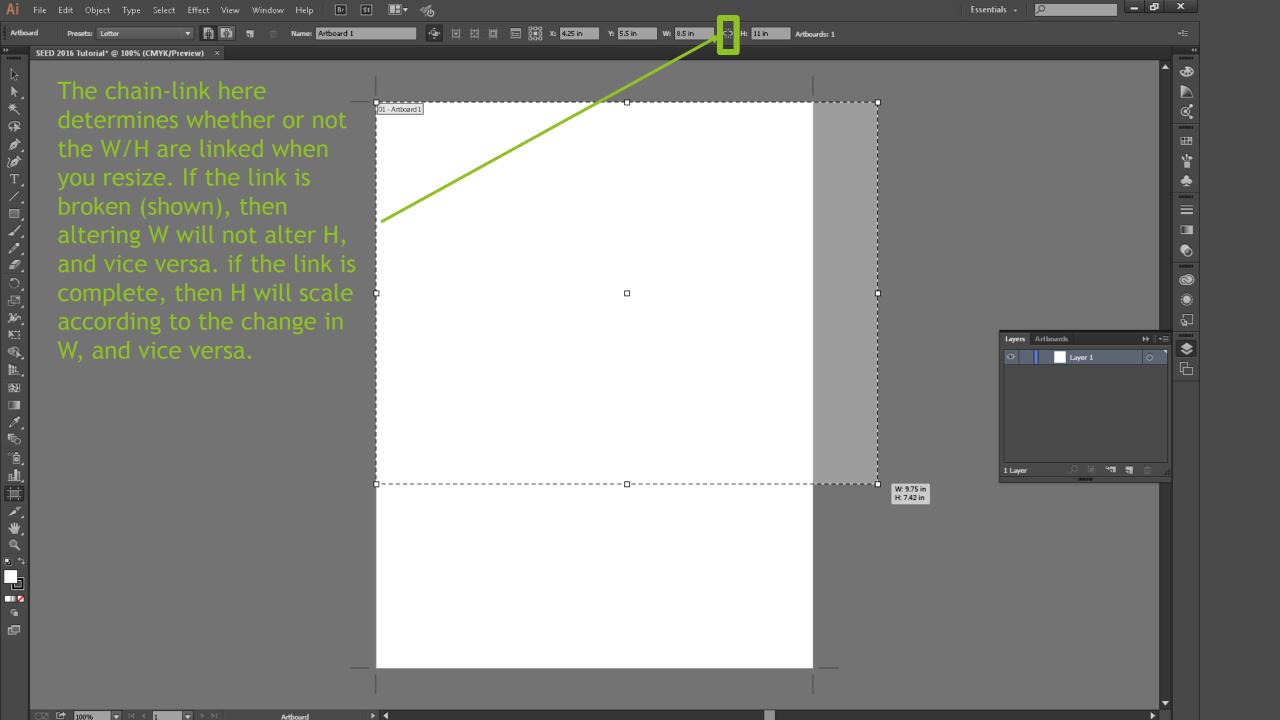




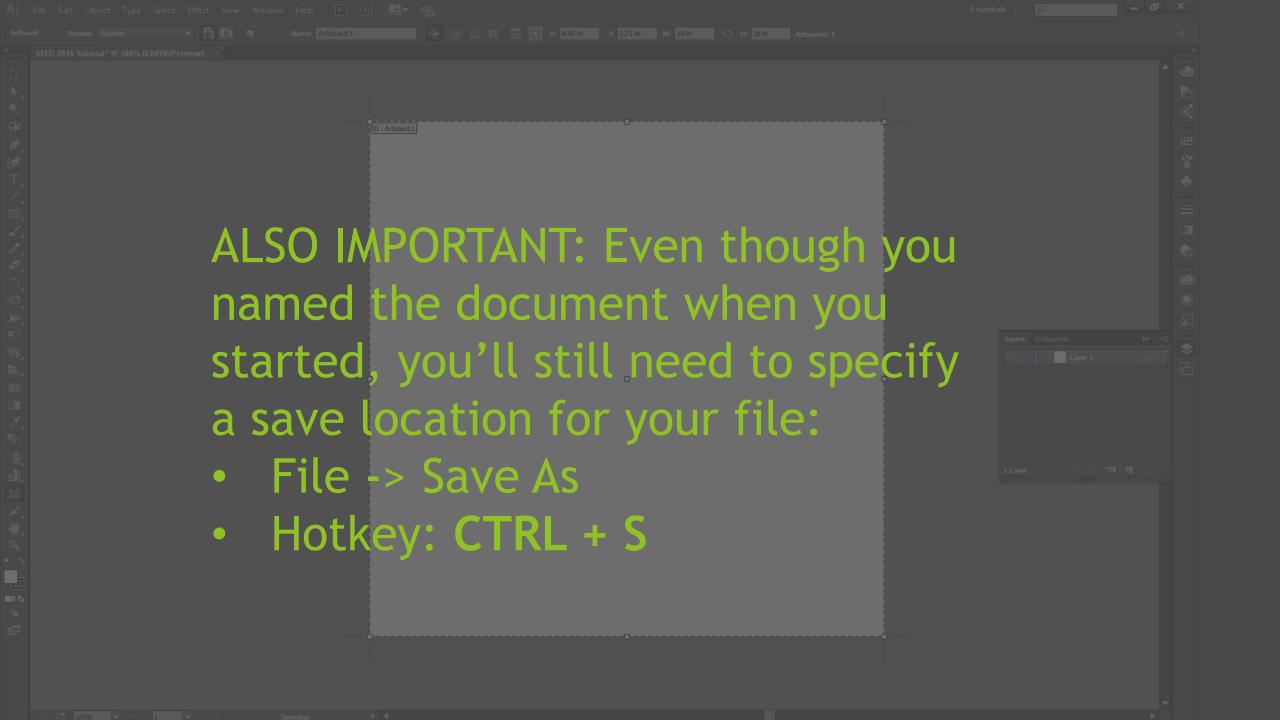


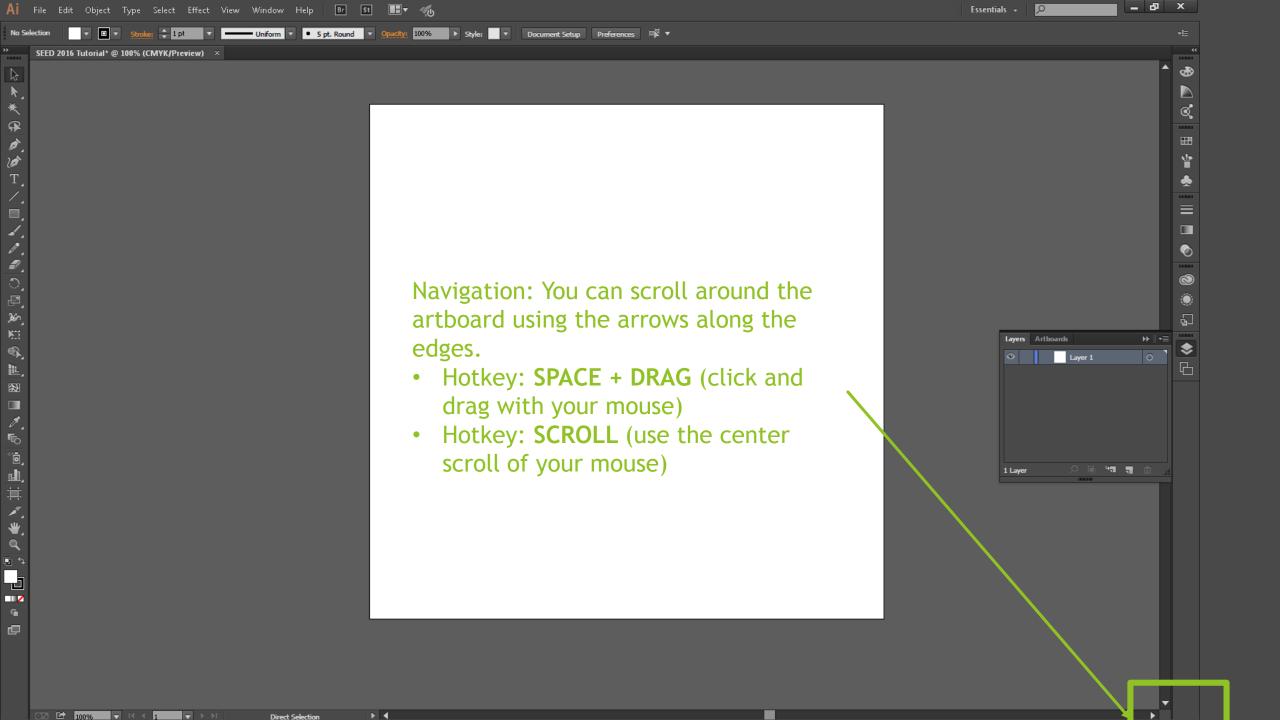


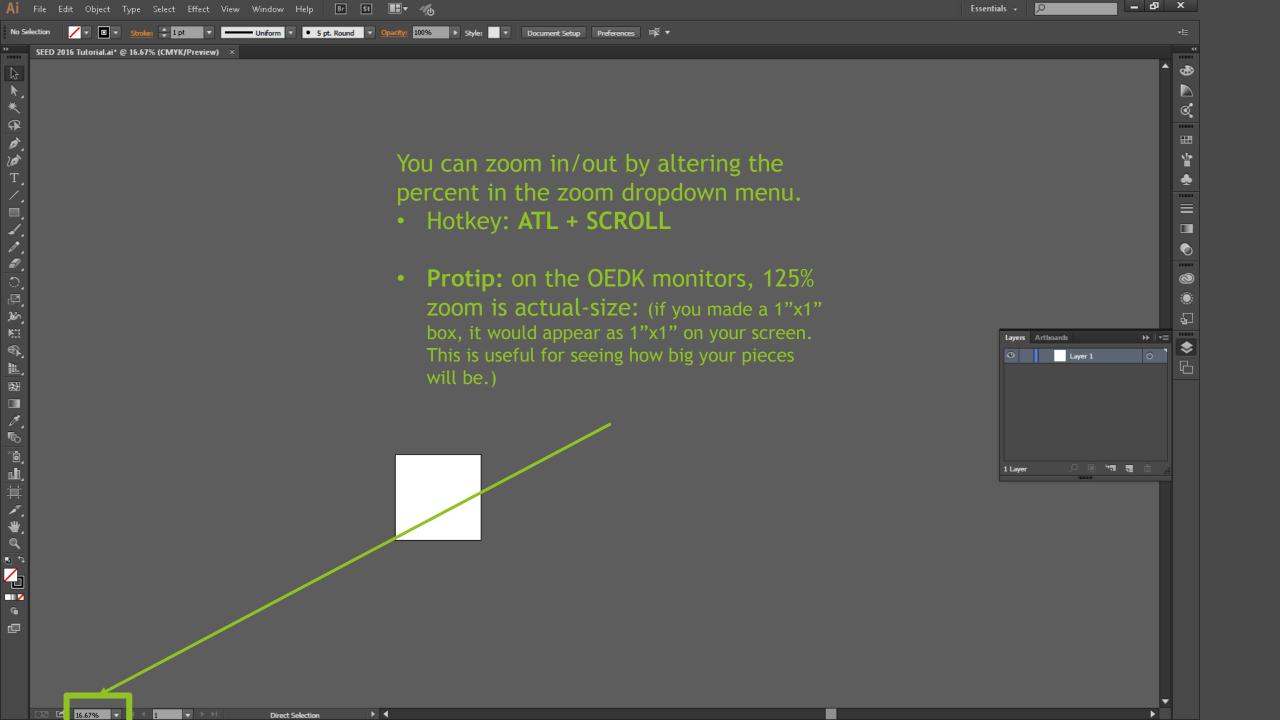


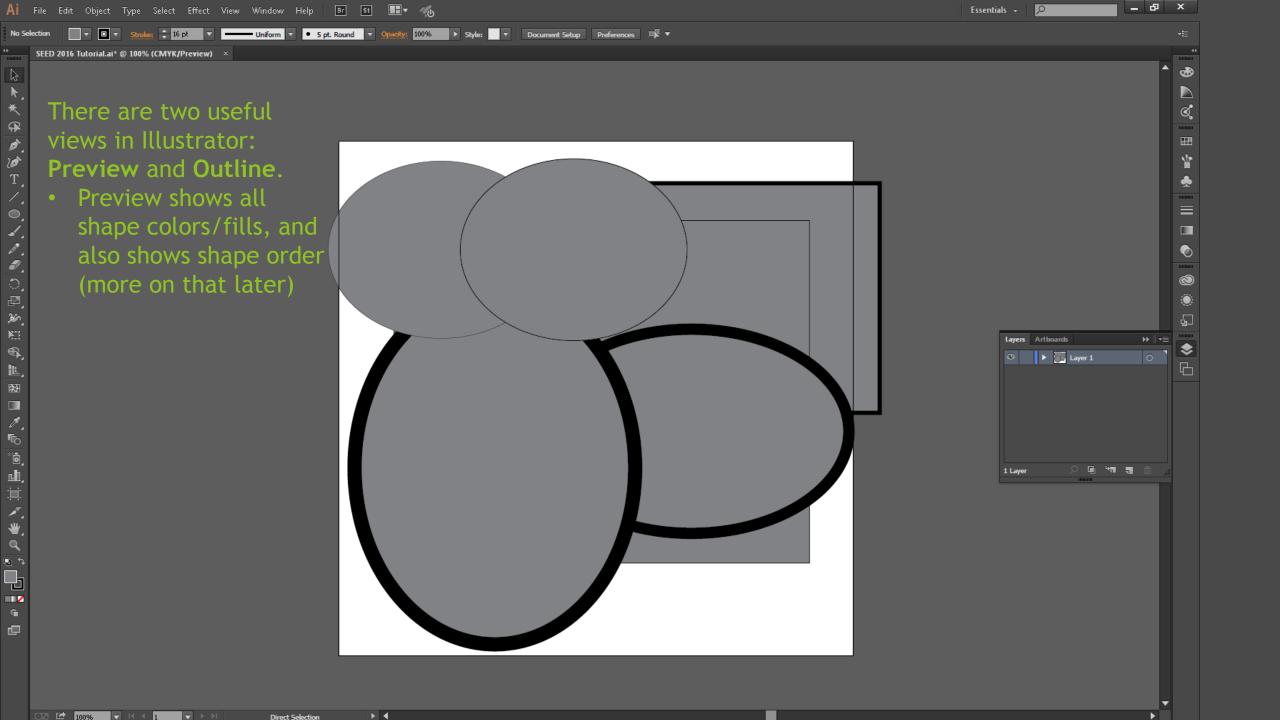


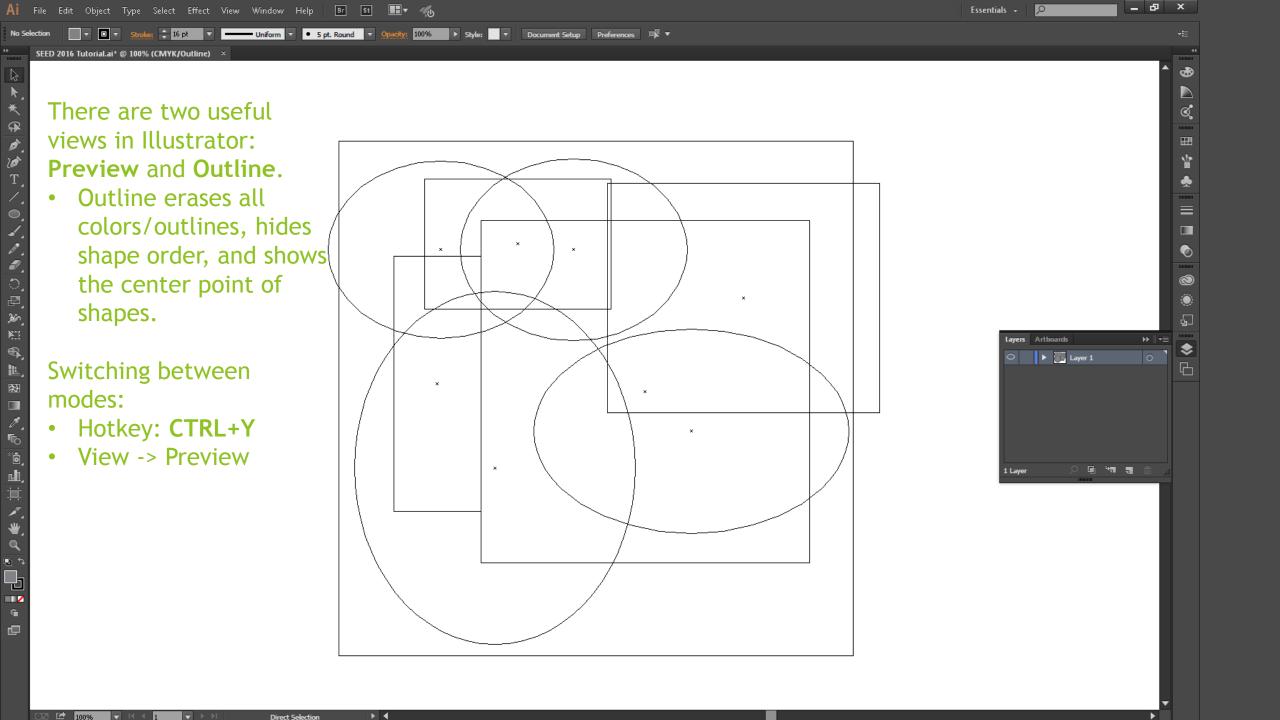


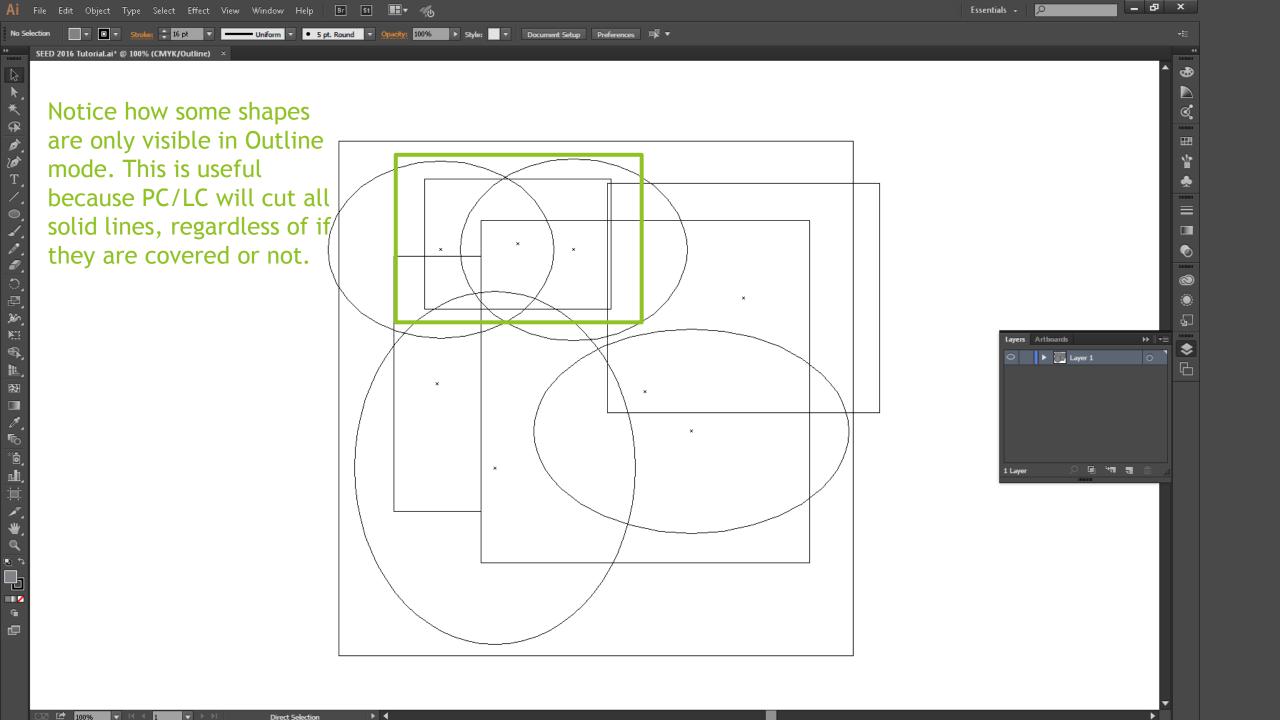


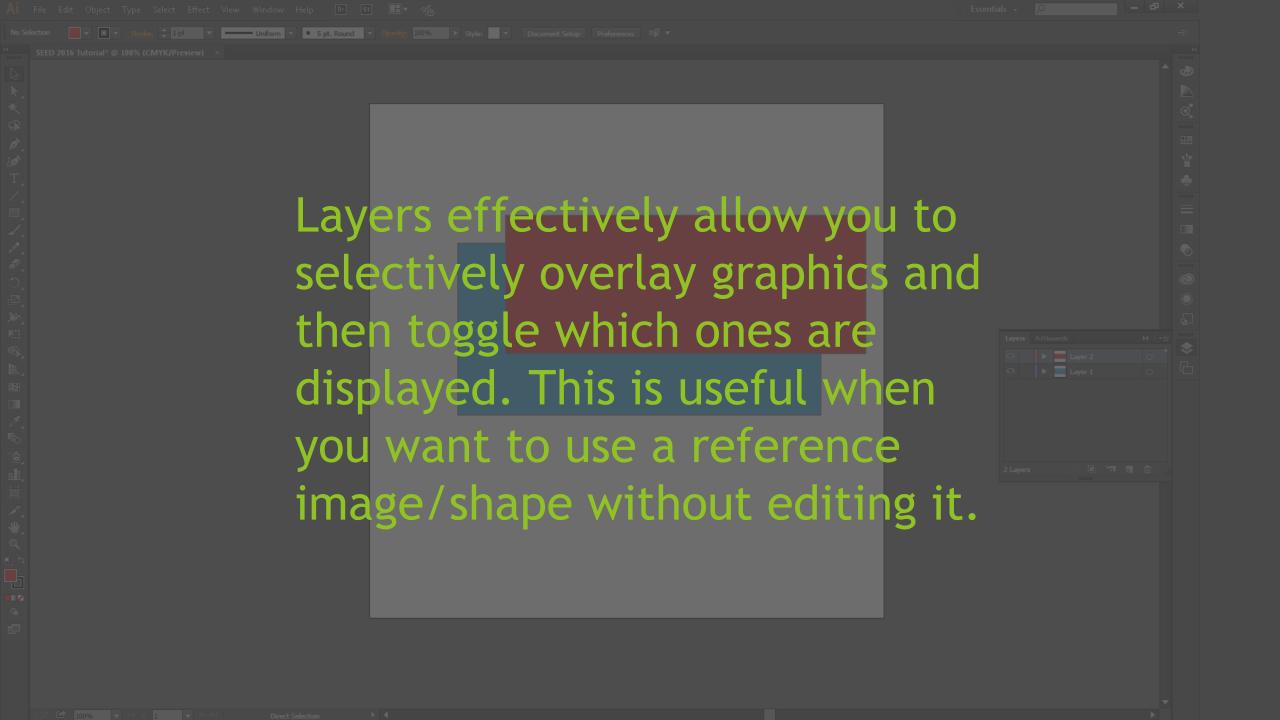


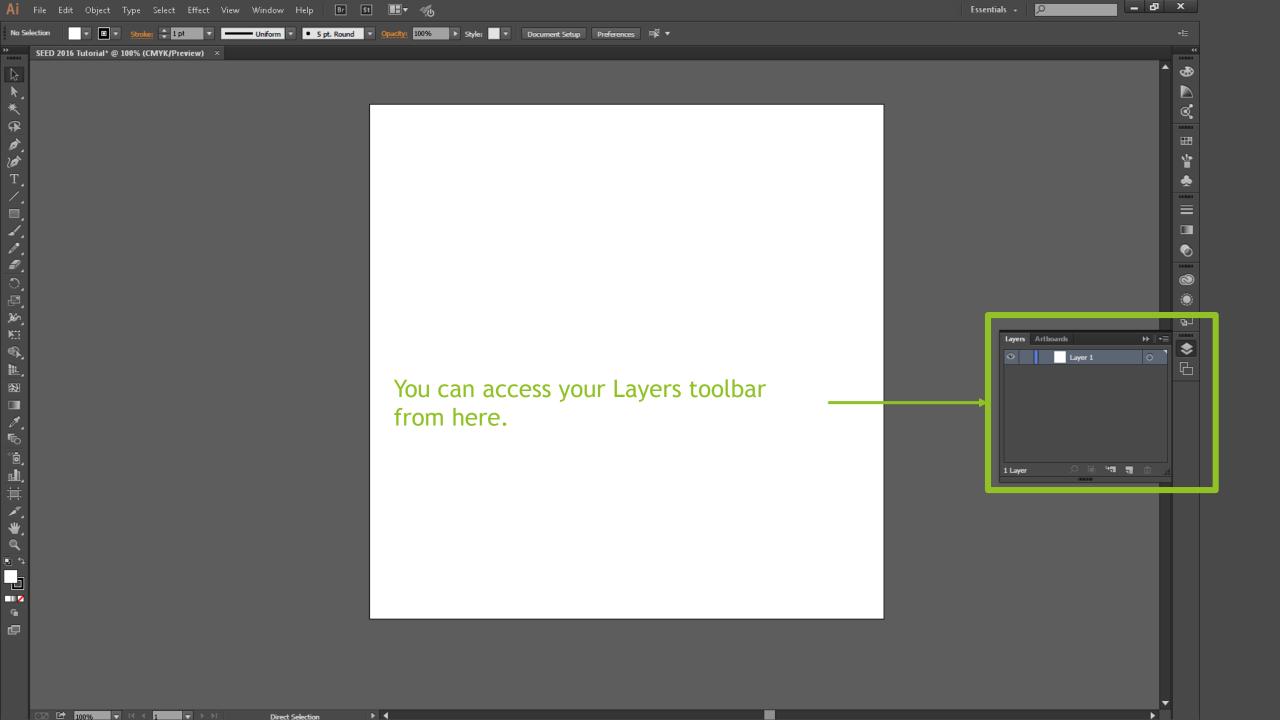


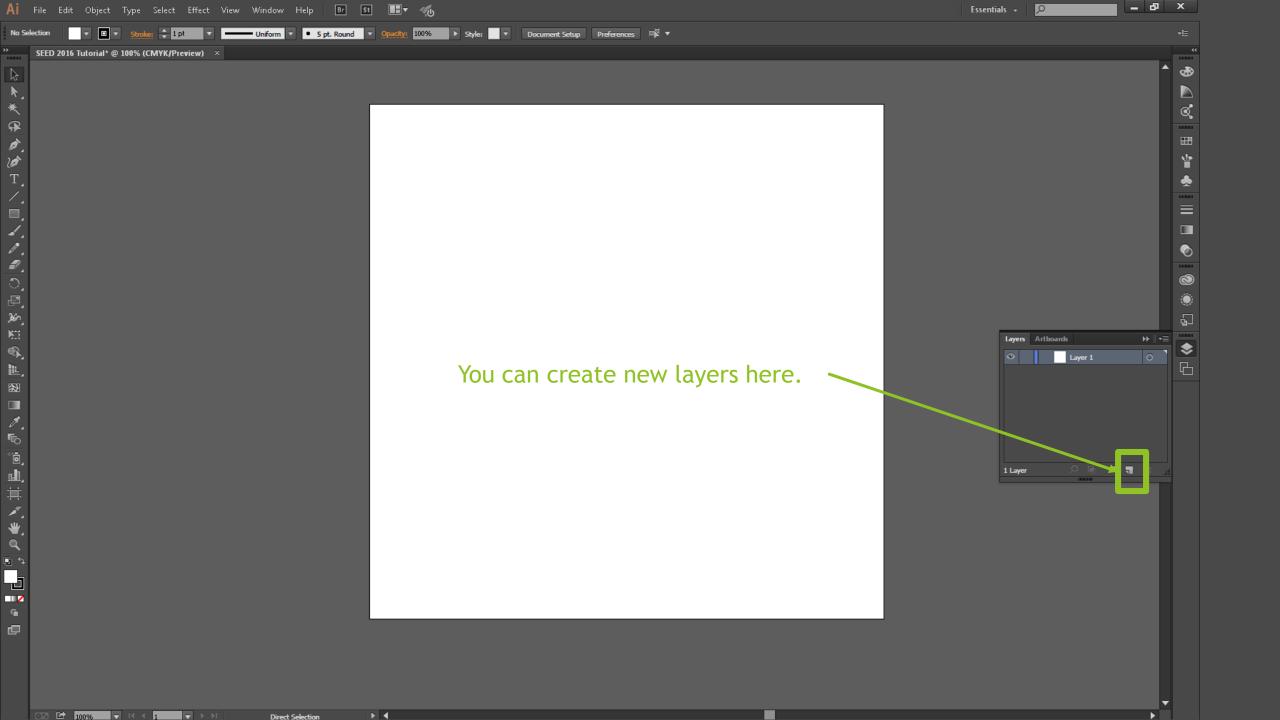


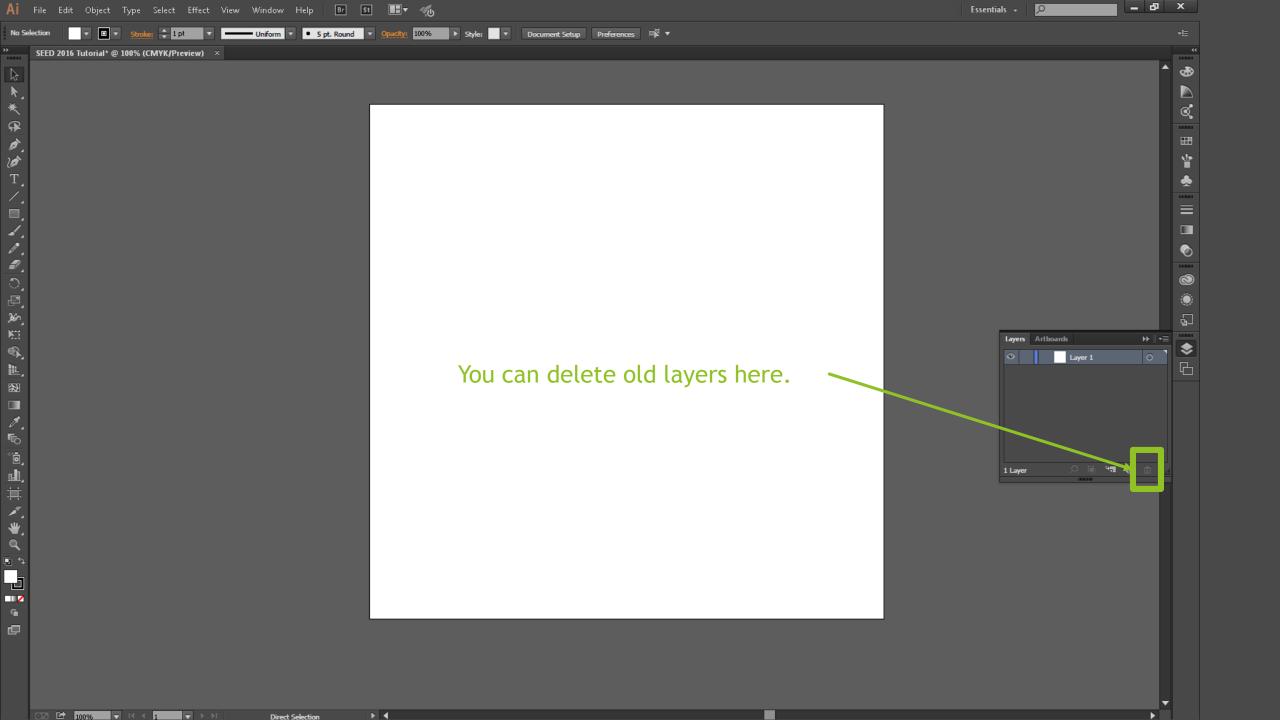


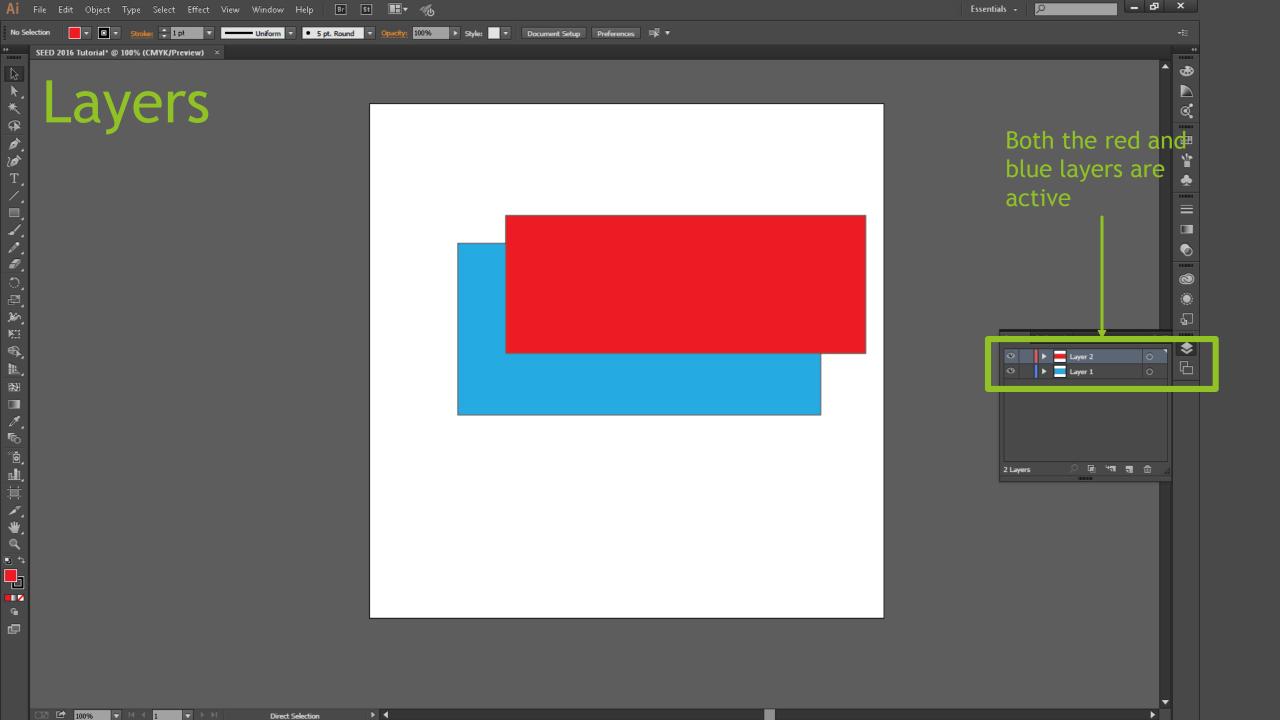


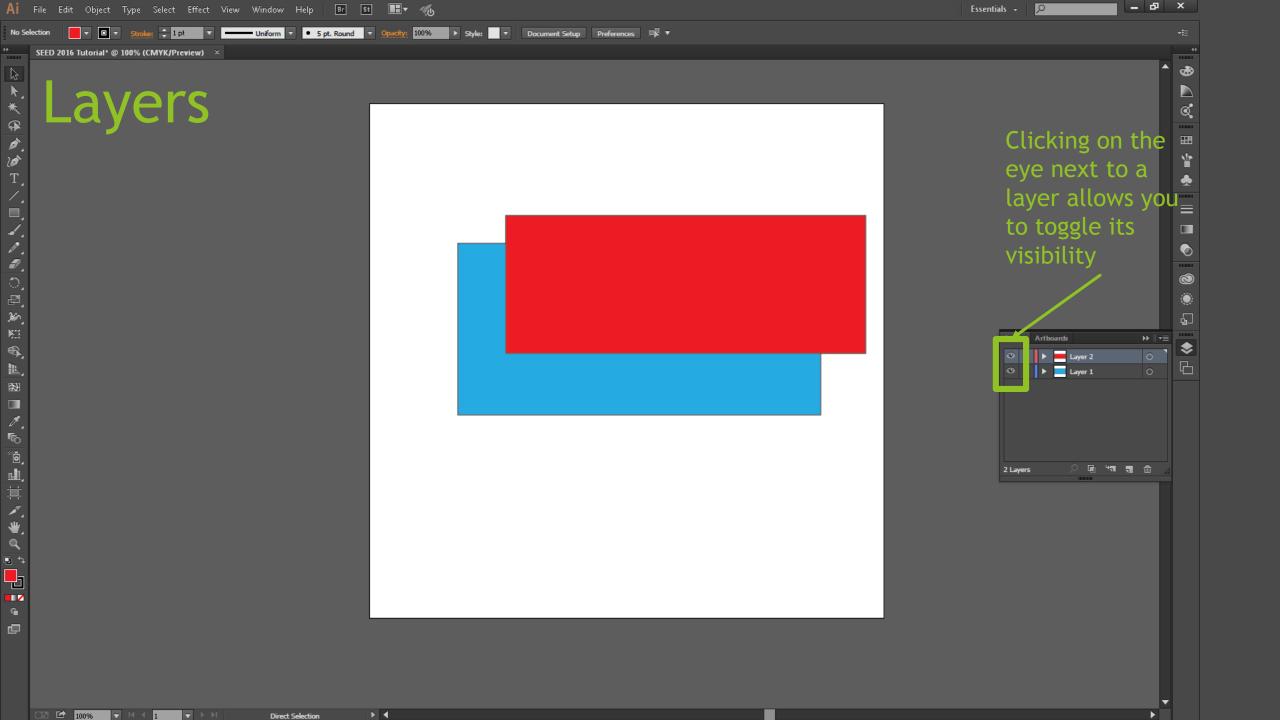


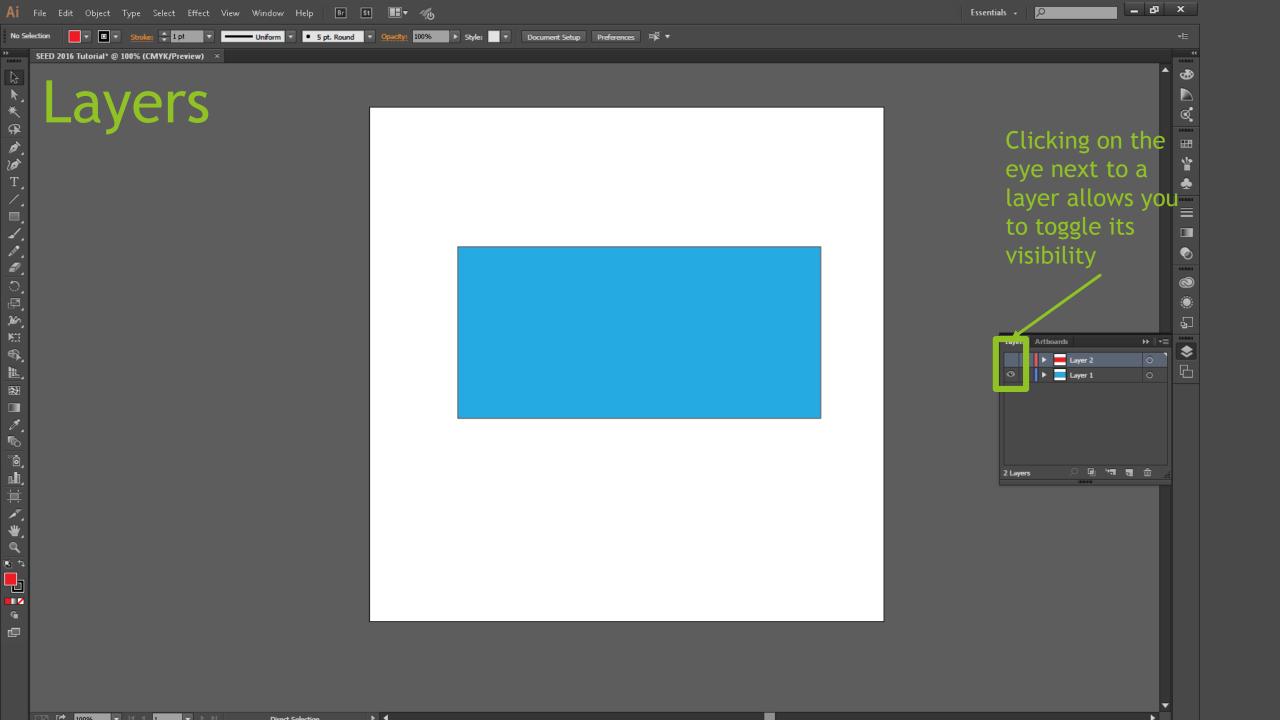


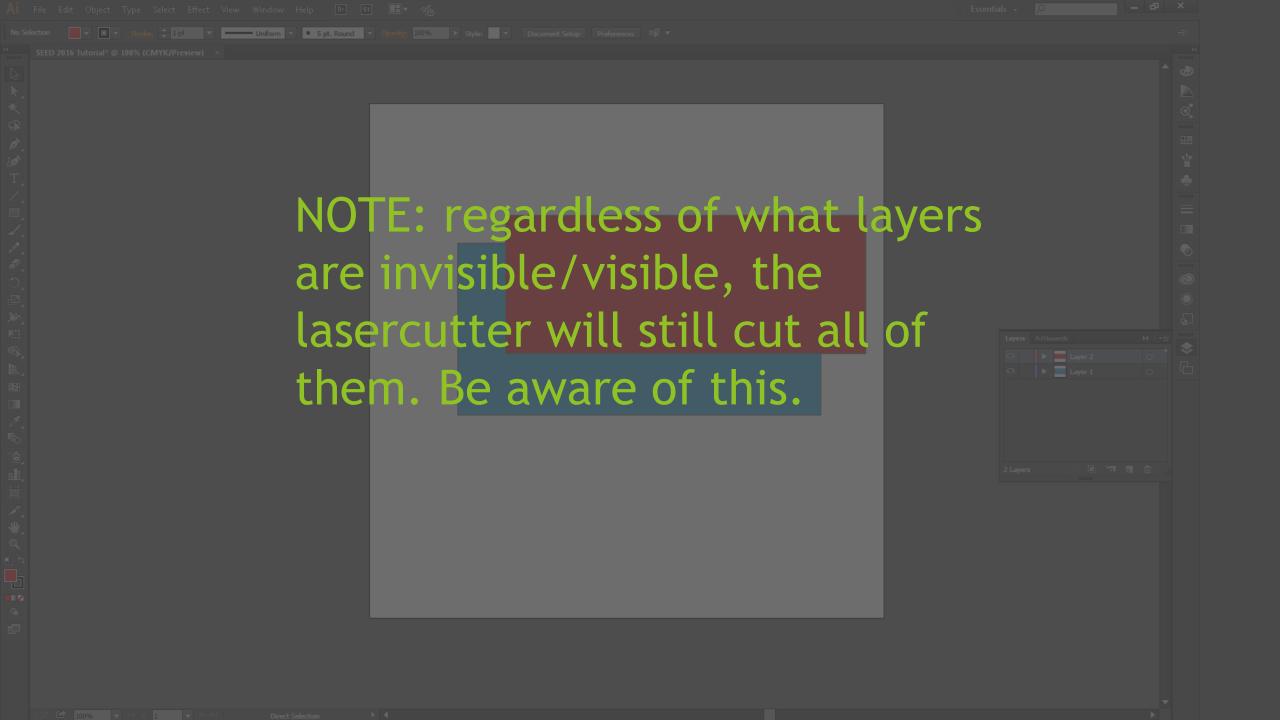












Superbasics Wrap-Up

- Leaving this tutorial, you should know the following about navigation:
 - ► How to create and save a file
 - ► How to edit the size of your workspace
 - ► How to maneuver around the workspace
 - ► Zoom
 - ► Scroll / translational motion
- ▶ And you should be aware of the following terminology:
 - Hotkeys
 - Artboards
 - Layers