

Adobe Visual Design 1

Objective: 3.01

Understand Adobe Illustrator Creative Cloud interface and program settings.



ADOBE VISUAL DESIGN

Abode Classes

Wake County Public Schools

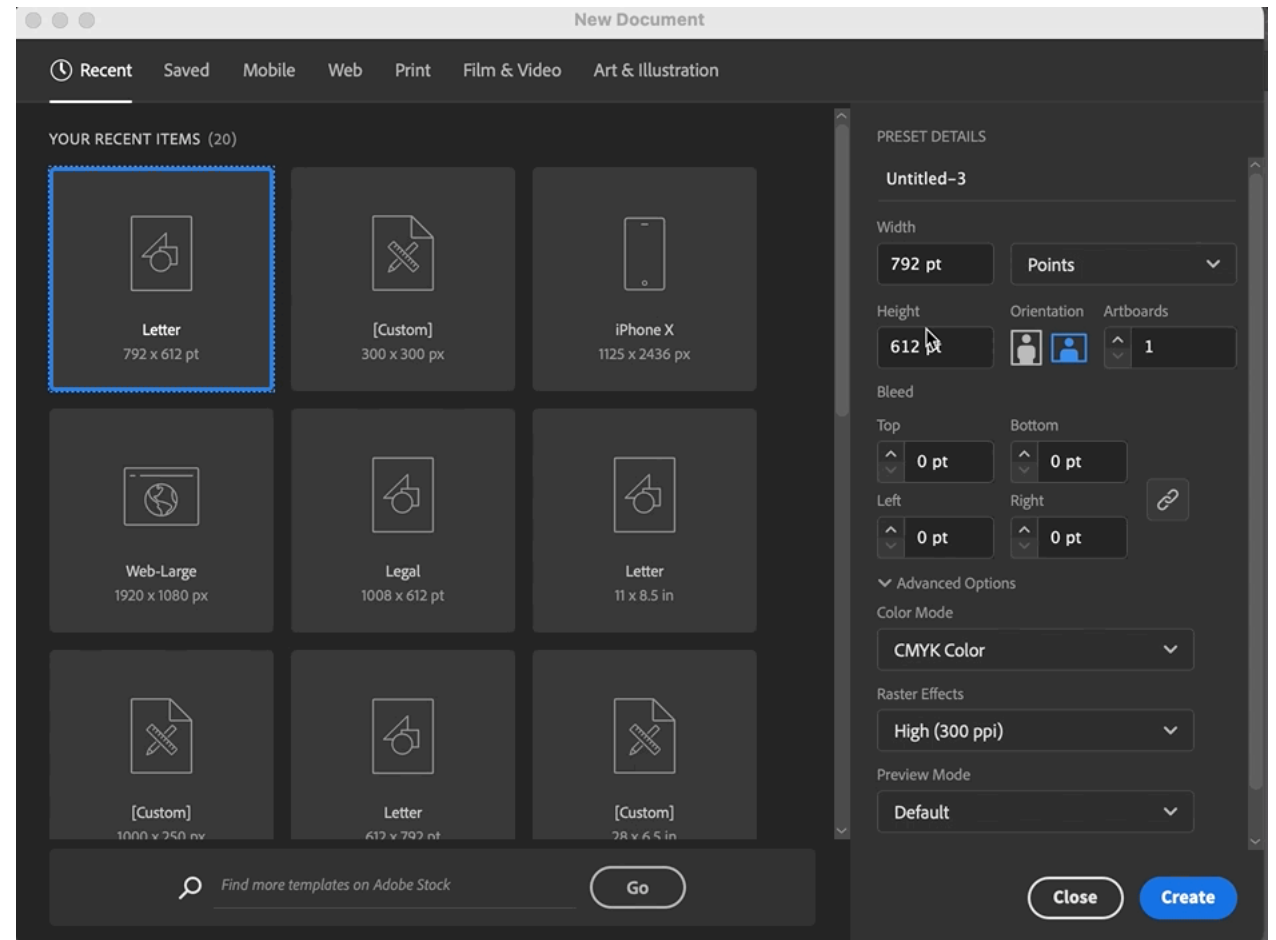


QUESTIONS TO ASK BEFORE YOU BEGIN:

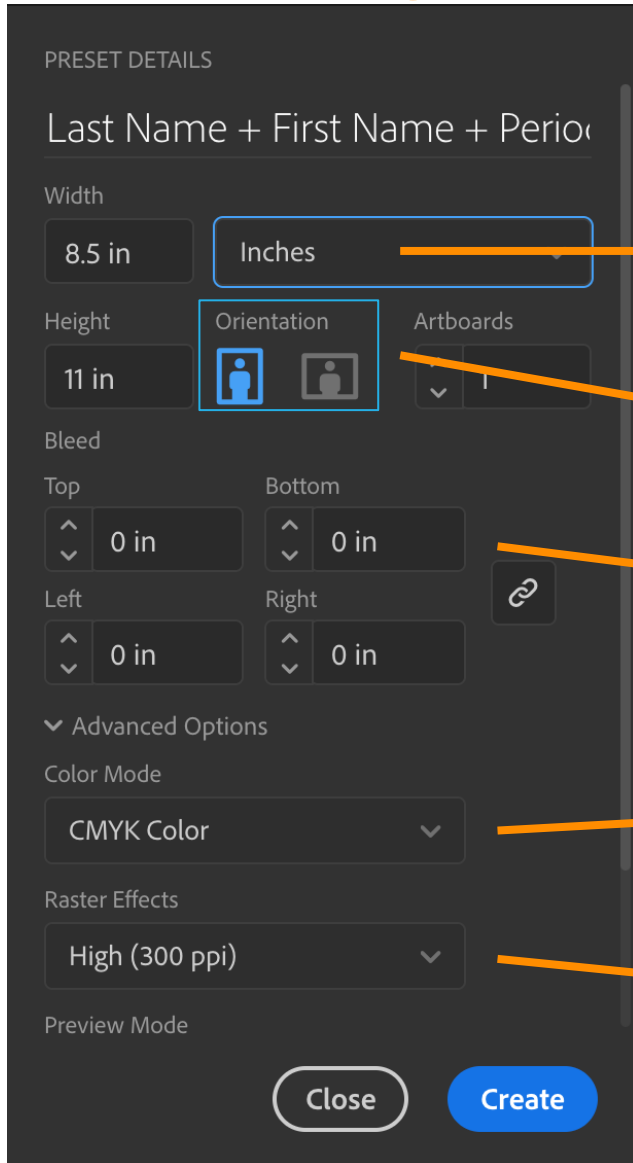
- How large should my image be?
- What resolution should it be?
- What file naming structure can I use to easily locate my files?

Creating New Documents in Illustrator

- New Document Settings
 - Use of appropriate document settings for print and onscreen work
 - Width/height, orientation, artboards, bleed, raster effects, resolution, color mode



Creating a New Document



Project Name

The title of your project. When you save, it will default to the Project name and add the proper file extension to it.

Image Size

Determines the size and resolution of your artboard. You can change units of measure (i.e. pixels, inches, picas, etc.) in the drop down to the right.

Orientation

Portrait is when the image is taller than it is wide. Landscape is when the image is wider than it is tall.

Bleed

Bleed is the amount of artwork that falls outside the printing area or artboard and will display when printed.

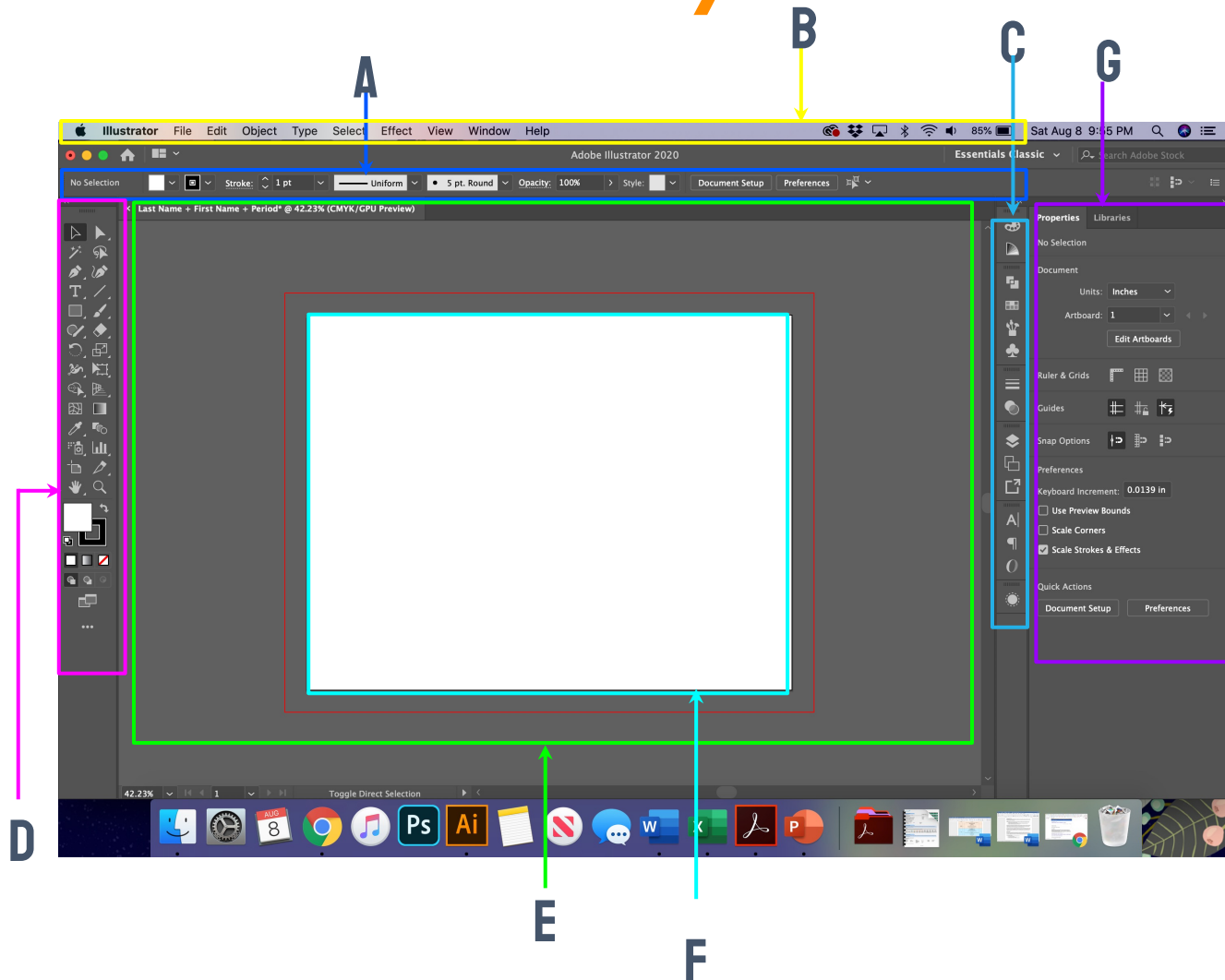
Color Mode

Limits the amount of colors available to match the output settings of your project. For instance, RGB color is meant for screens; whereas CMYK is meant for printers.

Raster Effects

The resolution your art will be created in. This can be adjusted to High, Medium, Low, and for Complex Art

Illustrator Layout:



A. Control panel
displays options for the currently selected tool.

B. Menu Bar
gives you access to a wide range of functions and extra commands.

C. Collapsed Panel Bar
a series of useful panels which provide extra functionality and give you quick access to many tools that make modifying artwork easier.

D. Toolbar
contains tools for creating and editing images, artwork, page elements, and so on. Related tools are grouped.

E. Document Window
displays the file you're working on. Document windows can be tabbed and, in certain cases, grouped and docked.

F. Artboard
where you design your art, artboards can be adjusted, and you can have multiple artboards.

G. Properties panel
this will change based on the tool you are using and give you a variety of useful options and commands.

Creating New Documents in Illustrator

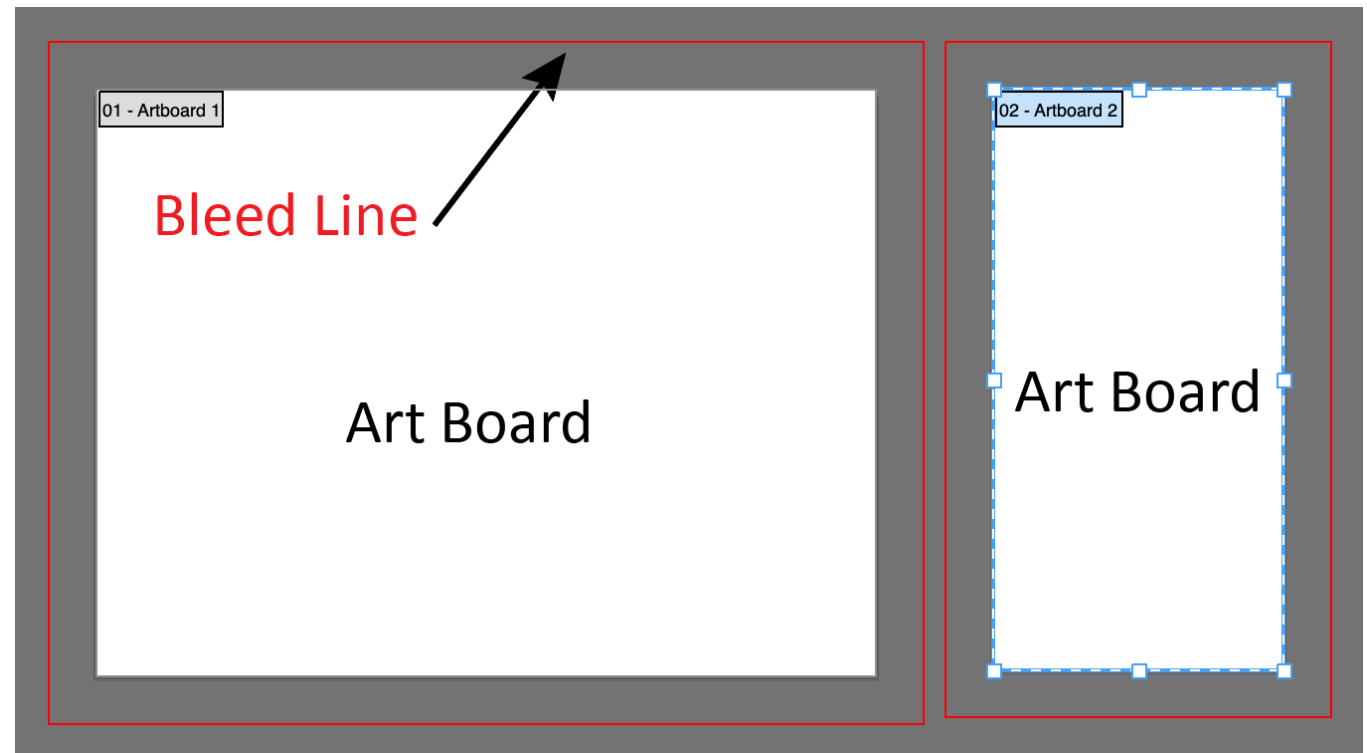
- Artboard



- The pages in Illustrator which represents the printable area in which you design your art. You can have multiple artboards (up to 100) in a variety of sizes, which can be adjusted.

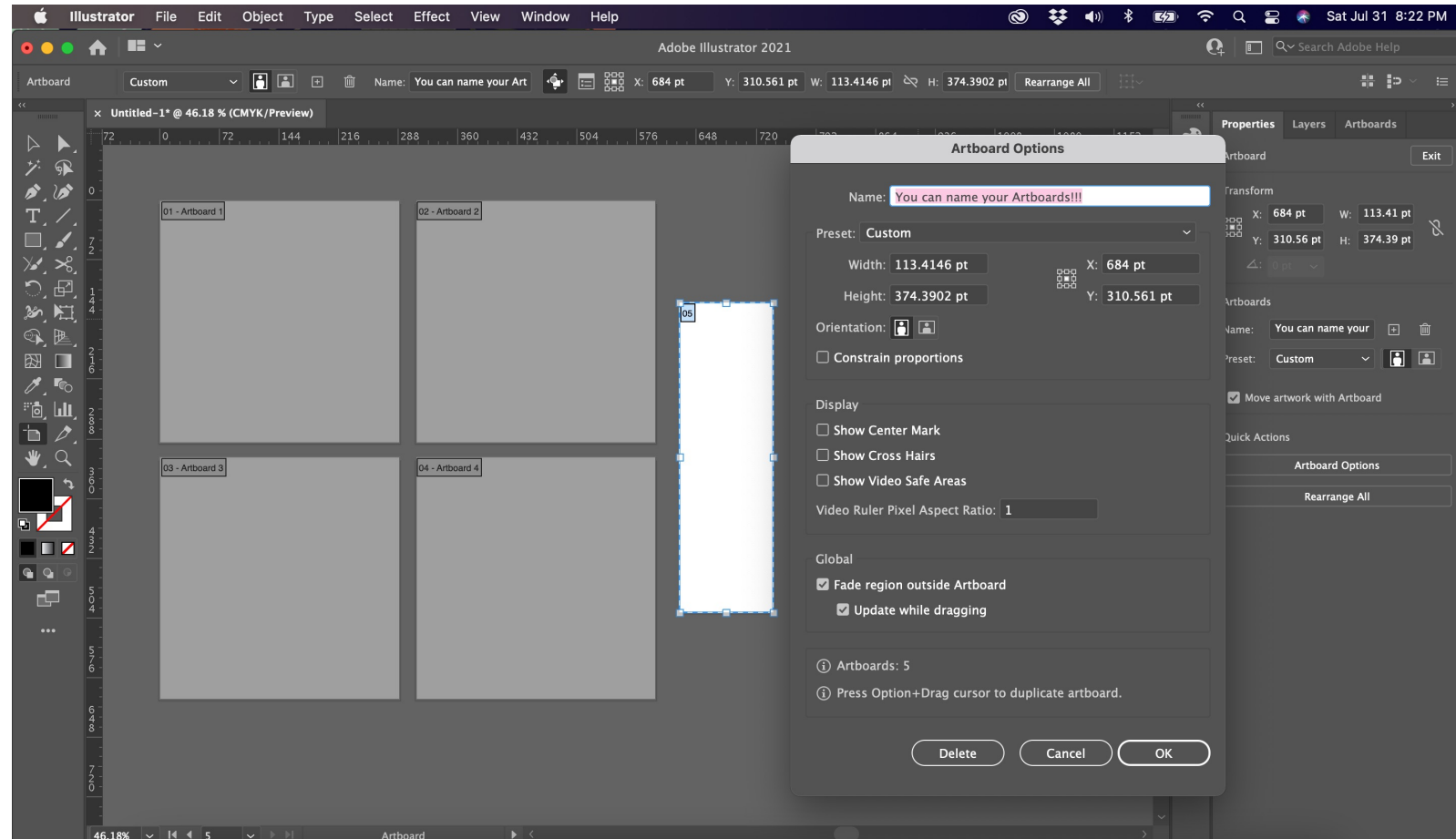
- Bleed

- The amount of artwork that falls outside of the printing bounding box that gives the printer a small amount of space to account for movement of the paper, and design inconsistencies.



ARTBOARDS



- Artboards represent the regions that can contain printable artwork. Learn more [here](#).
- Can have 1 to 100 artboards per document depending on size.
- You can create artboards in different sizes and resize them by using the Artboard tool.
- Options to reorder and rearrange artboards are in the Artboards panel.

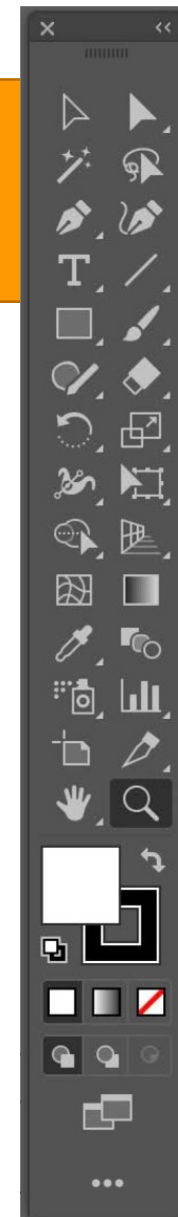


Illustrator Interface

- **Menus Bar**
 - Gives you access to a wide range of functions and extra commands. Menus include the File, Edit, Object, Type, Select, Effect, View, & Window menus.
- **Collapsed Panel Bar**
 - A series of useful panels which provide extra functionality and give you quick access to many tools that make modifying artwork easier.
- **Panels**
 - A group of related commands and options.

Illustrator Interface

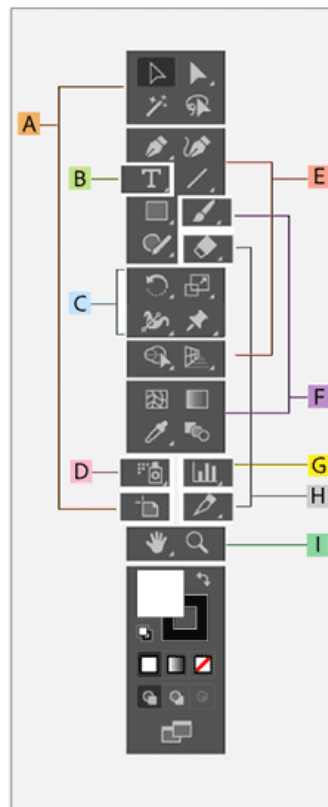
- **Toolbar** 
 - Contains tools for creating and editing images, artwork, page elements, and so on. Related tools are grouped.
- **Control Panel** 
 - Displays options for the currently selected tool.



TOOLS PANEL

Tools grouped and hidden similar to Photoshop.

Note new Illustrator tools.



■ Indicates default tool
* Keyboard shortcuts appear in parenthesis

A Selection tools

- Selection Tool (V)
- Direct Selection Tool (A)
- Group Selection Tool
- Magic Wand Tool (Y)
- Lasso Tool (Q)
- Artboard Tool (Shift+O)

B Type tools

- T Type Tool (T)
- Area Type Tool
- Type On A Path Tool
- Vertical Type Tool
- Vertical Area Type Tool
- Vertical Type On A Path Tool
- Touch Type Tool (Shift+T)

C Reshaping tools

- Rotate Tool (R)
- Reflect Tool (O)
- Scale Tool (S)
- Shear Tool
- Reshape Tool
- Width Tool (Shift+W)
- Warp Tool (Shift+R)
- Twirl Tool
- Pucker Tool
- Bloat Tool
- Scallop Tool
- Crystallize Tool
- Wrinkle Tool
- Puppet Warp Tool
- Free Transform Tool (E)

D Symbol tools

- Symbol Sprayer Tool (Shift+S)
- Symbol Shifter Tool
- Symbol Scruncher Tool
- Symbol Sizer Tool
- Symbol Spinner Tool
- Symbol Stainer Tool
- Symbol Screener Tool
- Symbol Styler Tool

E Drawing tools

- Pen Tool (P)
- Add Anchor Point Tool (+)
- Delete Anchor Point Tool (-)
- Anchor Point Tool (Shift+C)
- Curvature Tool (Shift+~)
- Line Segment Tool (l)
- Arc Tool
- Spiral Tool
- Rectangular Grid Tool
- Polar Grid Tool
- Rectangle Tool (M)
- Rounded Rectangle Tool
- Ellipse Tool (L)
- Polygon Tool
- Star Tool
- Flare Tool
- Shaper Tool (Shift+N)
- Pencil Tool (N)
- Smooth Tool
- Path Eraser Tool
- Join Tool
- Perspective Grid Tool (Shift+P)
- Perspective Selection Tool (Shift+V)
- Shape Builder Tool (Shift+M)

F Painting tools

- Paintbrush Tool (B)
- Blob Brush Tool (Shift+B)
- Mesh Tool (U)
- Gradient Tool (G)
- Eyedropper Tool (I)
- Measure Tool
- Shape Builder Tool (Shift+M)
- Live Paint Bucket (K)
- Live Paint Selection Tool (Shift+L)
- Blend Tool (W)

G Graph tools

- Column Graph Tool (J)
- Stacked Column Graph Tool
- Bar Graph Tool
- Stacked Bar Graph Tool
- Line Graph Tool
- Area Graph Tool
- Scatter Graph Tool
- Pie Graph Tool
- Radar Graph Tool

H Slicing and cutting tools

- Slice Tool (Shift+K)
- Slice Selection Tool
- Eraser Tool (Shift+E)
- Scissors Tool (C)
- Knife

I Moving and zooming tools

- Hand Tool (H)
- Print Tiling Tool
- Zoom Tool (Z)

THE TOOLS:



Selection (V)

Move a selection or an entire layer



Direct selection (A)

Select individual anchor points



Pen (P)

Lets you draw smooth lined paths.



Curvature Pen

Let's you draw curved paths



Hand (H)

Moves an image within its window.



Eyedropper (I)

Select a color from an area within your image.



Anchor Point

Lets you add and remove curves from an anchor point



Brush (B)

Applies color with brushstrokes in a variable tip.



Artboard

Adjust, change or move the artboard



Blend (W)

Blend two objects over a path blended or specified steps



Eraser (E)

Removes anchors or paths



Gradient (G)

Creates a gradual blend between multiple colors



Shape builder

Merges or erases shapes to make complex shapes



Free transform

Transform an object freely



Shaper

Draw shapes freely that transform to geometric shapes



Text (T)

Create text in your design



Line (/)

Create lines



Rectangle (M)

Draw shapes and lines in a normal layer or shape layer.



Ellipse (L)

Crop or straighten photos.



Zoom (Z)

Magnifies and reduces the view of the image.



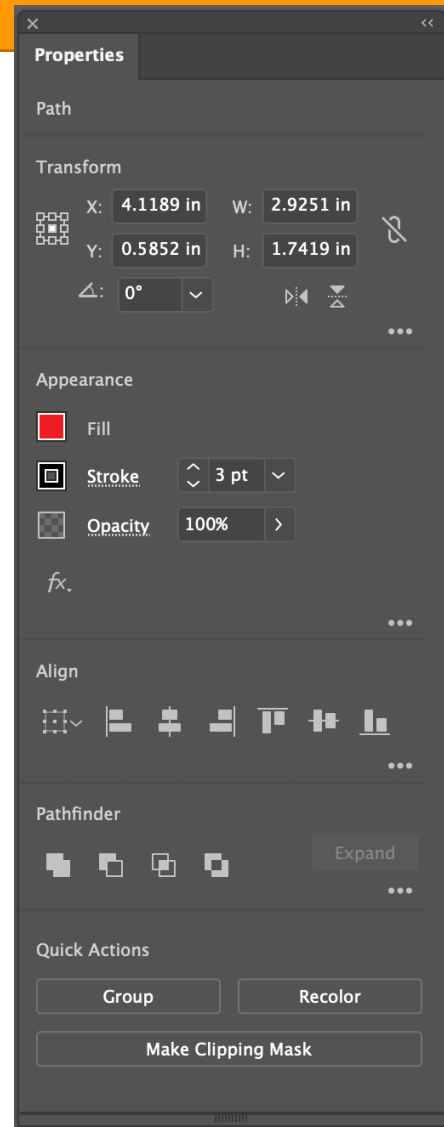
Scale

Rescale objects freely

Illustrator Interface

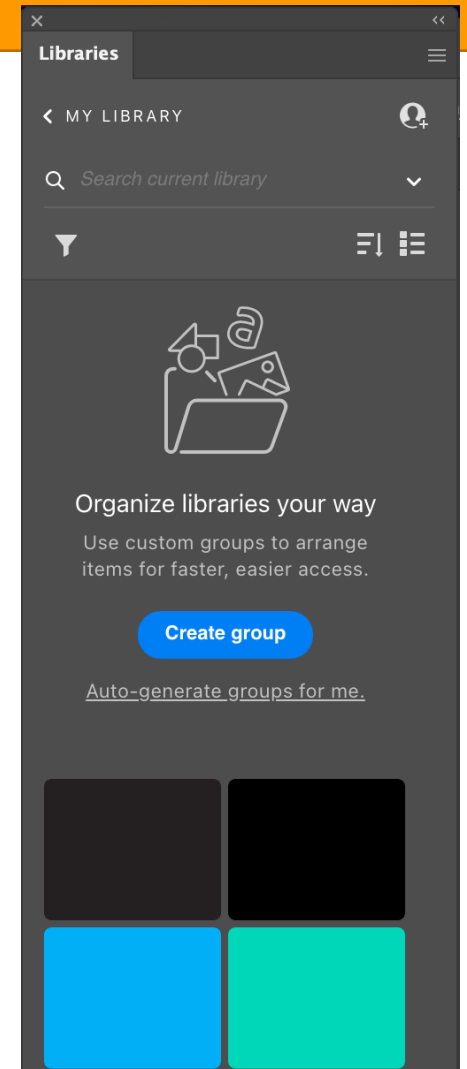
- Properties Panel

- This will change based on the tool you are using and give you a variety of useful options and commands.



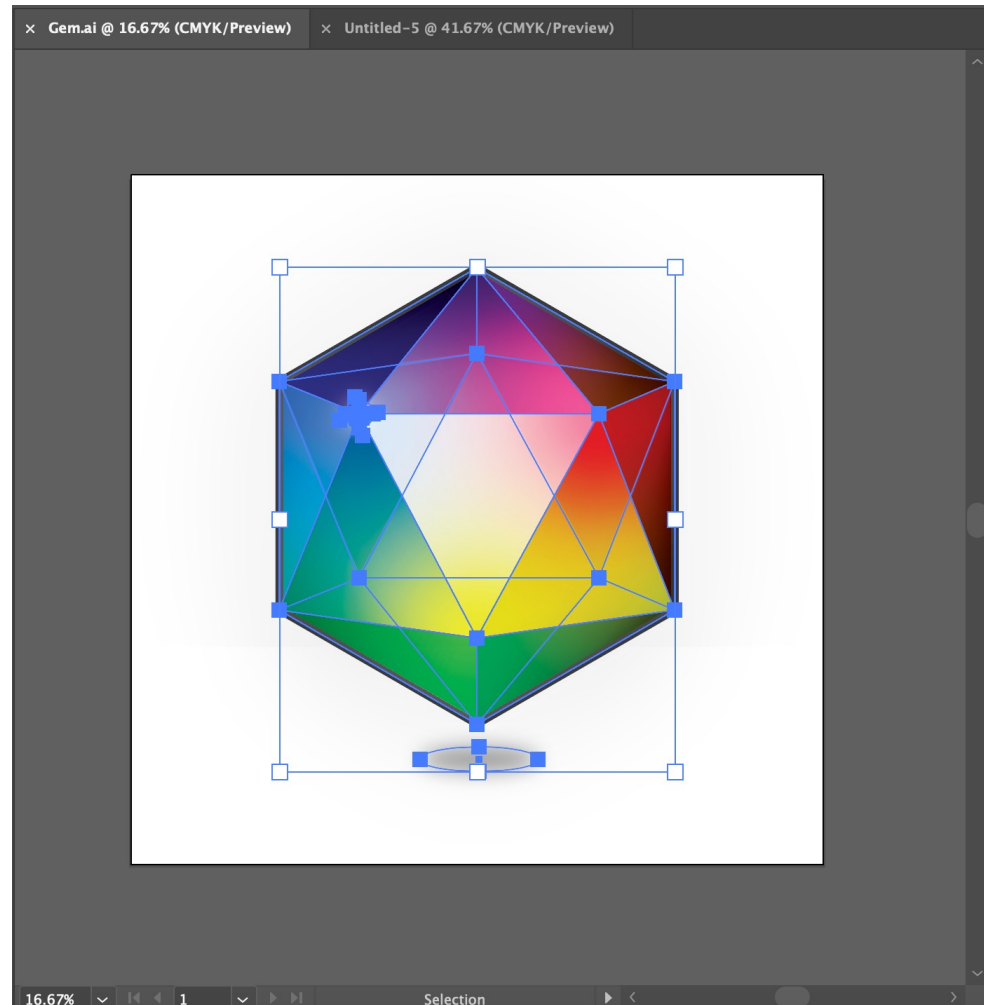
- Libraries Panel

- Allows the user to store different design elements that can be easily accessible across other projects.



Illustrator Interface

- Document Window
 - Displays the file you're working on. Document windows can be tabbed and, in certain cases, grouped and docked.



Illustrator Interface

- Workspace
 - The user interface of the software with specific panels, bars, and windows which can be adapted and saved for future use.
 - Default workspace: Essentials
 - Navigate, organize, and customize the workspace, switching between workspaces, nesting, hiding, and docking panels, shortcuts

