



Illustrator Cheat-sheet

What is Adobe Illustrator?



Adobe Illustrator is a professional vector-based design and drawing program. Used as part of a larger design workflow, Illustrator allows for the creation of everything from single design elements to entire compositions. Designers use Illustrator to create posters, symbols, logos, patterns, icons, etc.

But what exactly are the benefits?

1. With Adobe Illustrator, you have an extra level of flexibility when working to customize your overall workspace.
2. You also save a bunch of time when working with Adobe Illustrator thanks to its option for in-panel editing.
3. You have zero resolution issues when working with Adobe Illustrator.
4. You're not stuck with enormous files that are difficult to transfer when creating something with Adobe Illustrator.
5. You can create print-ready graphics with ease thanks to Adobe Illustrator. You are also able to create web graphics with this platform.

Important Links

Attendance link (only for externals)

<https://forms.gle/JCTFSMabQ42MCpAX7>

Discord Server link

<https://discord.com/channels/875745568222216193/876450482908958750>

Socials

https://www.instagram.com/vit_animation/

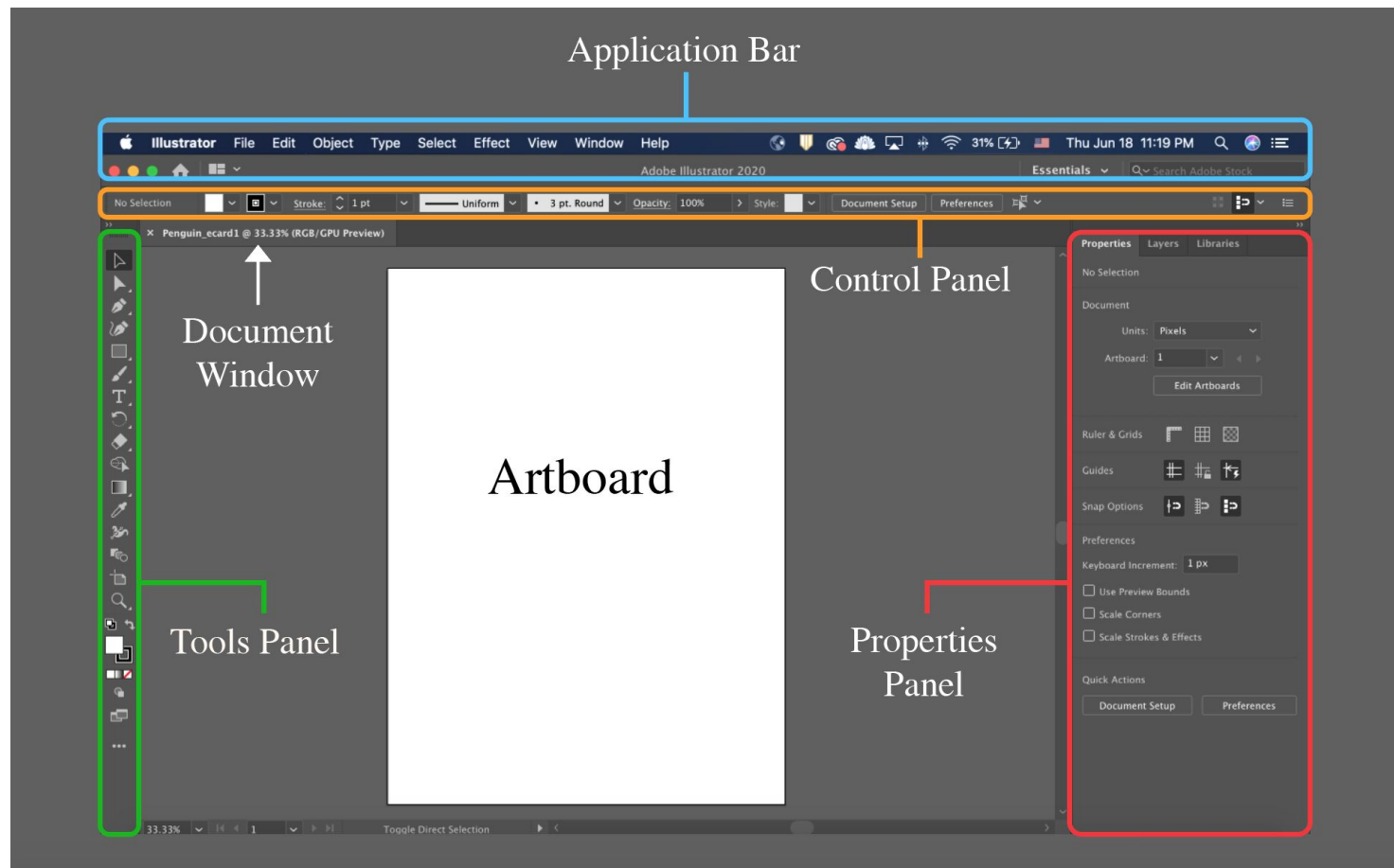
<https://www.facebook.com/vitanimationclub>

<https://www.youtube.com/c/VITAnimationClub>

Useful Illustrator Short cut keys -

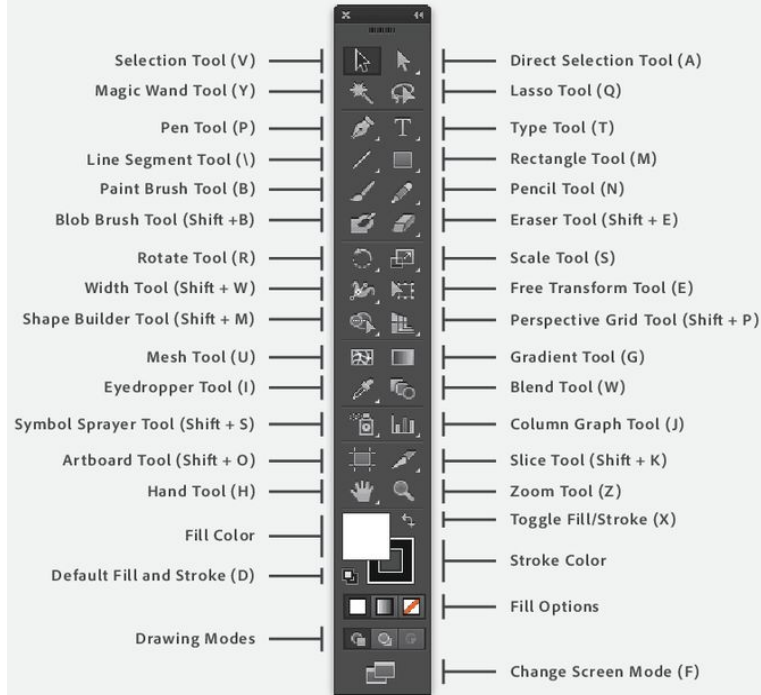
- Shift C Anchor tool
- Shift B Blob & brush tool
- Shift E Eraser tool
- Shift T Touch type tool
- cmd (Ctrl PC) + C Copy
- cmd (Ctrl PC) + V Paste
- cmd (Ctrl PC) + 0 Zoom to fit document to workspace area
- cmd (Ctrl PC) + 1 Zoom to 100%
- cmd (Ctrl PC) + R Show rulers
- cmd (Ctrl PC) + ; Show guides
- cmd (Ctrl PC) + ' Show Grid
- cmd (Ctrl PC) + Z Undo
- cmd (Ctrl PC) + G Group selection
- cmd (Ctrl PC) + A Select all
- cmd (Ctrl PC) + L Create new layer
- cmd (Ctrl PC) + X Cut
- cmd (Ctrl PC) + Shift + V Paste in place
- Tab Toggle visibility of interface panels
- Press & hold shift + click & drag Scale object (with scale tool active)
- Press & hold shift + click & drag Snap rotate (with rotate tool active)
- Press & hold shift + click & drag Snap rotate anchor handles (with pen tool active)
- Press & hold shift + click Select multiple objects (with selection tool active)
- Press & hold shift + click Deselect objects (with selection tool active)
- Press & hold shift + click Draw straight & 45 degree lines (with pen tool active)
- Press & hold spacebar Maneuver around document
- Press & hold alt + click & drag Quick duplicate object (with selection tool active)
- Press & hold alt + click Zoom out (with zoom tool active)
- Press up or down Toggle points (with star shape tool active)
- Press up or down Toggle corners (with round rectangle shape tool active)
- Press & hold cmd (Ctrl PC) + click and drag Toggle depth of points (with star shape tool active)
- Press ' [' to increase brush size, press '] ' to decrease brush size Toggle brush size (with eraser tool active)

Illustrator workspace



TOOLS PANEL

TOOLS PANEL OVERVIEW



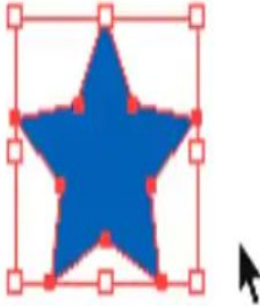
TOOL	USE
Selection tool	select any shape or object on the document window. To select more than one object or shape at the same time, click on the selection tool and press the Shift key than click on as many shapes as you need to select.
Direct selection tool	The Direct Selection tool helps in extending the edges of the existing shape to form a new shape.
Magic wand tool	This can be used in selecting shapes and objects with simpler attributes and editing them all at once.
Lasso tool	This is another version of the Selection tool . This tool also helps in the selection of more than one object or shape. Click on the Lasso Tool and Drag the tool on the shapes you want to select. This tool is just another option for the selection of objects.
Pen tool	<p>The Pen Tool is used to draw something by creating paths. Paths are lines with two endpoints called anchors and anchors have two handles which are helpful in reshaping the object.</p> <p>When you will right-click on the Pen tool in the tool panel you will see other tools also:</p> <p><u>Add Anchor Point Tool (+)</u>: To add anchor points to the path, select the path and then click on the pen tool then move the pointer to the path, a plus sign (+) will appear next to the pointer, click to set a point on the path.</p> <p><u>Delete Anchor Point Tool (-)</u>: To delete any existing anchor point on the path, follow the same procedure that of adding an anchor point, but the difference here is that a minus sign will appear next to the pointer when you will move the pointer to an existing anchor point, click to delete the anchor point.</p>
Curvature tool	This tool helps in giving a smooth curve to a path. With the help of the Curvature tool, you can create any form of shape. a straight line can converted into a curve with the help of this tool. To reshape a path with the help of this tool, select the path and click on the curvature tool. Then move the pointer on the path and when a plus sign appears on the pointer click to add a point. With a left-click, you can drag that point to give a desired shape to the path.
Type tool	We use this tool to add text to your artwork or image.

Line segment tool	<p>It helps in drawing straight lines and you can adjust the length, angle, color, and width of the line accordingly.</p> <p>Other tools, which come under the Line Segment tool, are:</p> <ul style="list-style-type: none"> · Arc tool · Spiral tool · Rectangular Grid Tool · Polar grid tool
Rectangle tool	<p>The name clearly states what this the tool will do for you (obviously it will draw a rectangle). But this tool has other shapes too. Just right click on the rectangle tool and you will find:</p> <ul style="list-style-type: none"> · Rounded Rectangle tool · Ellipse Tool (L) · Polygon Tool · Star Tool · Flare tool
Hand tool	To pan across a document, you have to click on the Hand Tool.
Shape builder	With this tool, you can either add/combine two or more shapes by adding their paths or you can subtract two or more paths to form another shape.
Gradient tool	it helps in giving different shades to your artwork, from solid to light fill.
Erase tool	<p>This tool helps in erasing the path.</p> <p>Right-click on the erase tool on the tool panel and you will find two more tools; <u>Scissor Tool and Knife</u>.</p> <p><u>Scissor Tool</u> is used for cutting the path and a knife is used to cut an object or shape into two or more parts.</p>
Eyedropper tool	The Eyedropper tool helps in copying color from any object, image, or artwork.

Blend tool	Blend Tools help in blending colors.
Artboard tool	<p>Artboard is the place where you draw or create your artwork. You can find this tool in the tool panel. This tool is used to edit the artboard.</p> <p>With the help of this tool, you can change the appearance of the artboard. From the appearance panel also you can edit the artboard.</p>

BASIC TOOLS

1. Selection and Direct Selection Tool

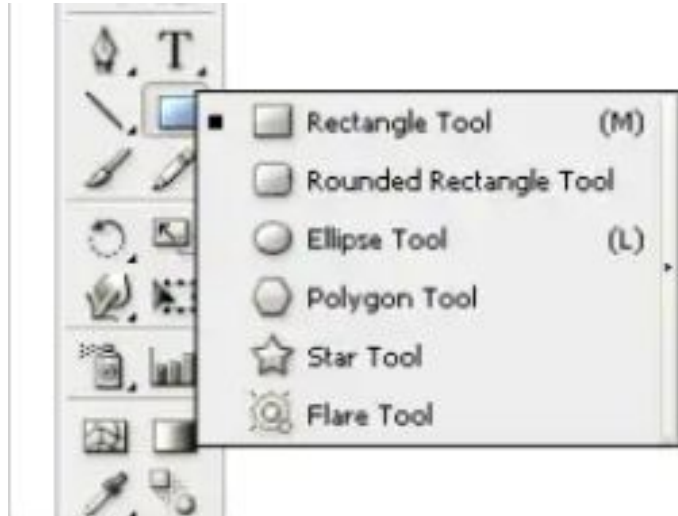


Selection Tool

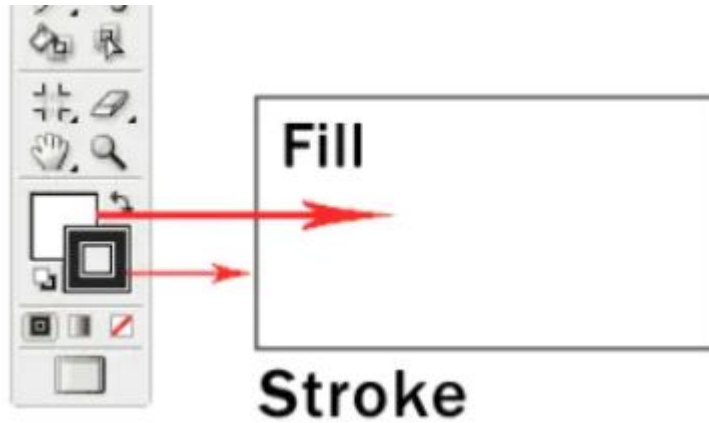


Direct Selection Tool

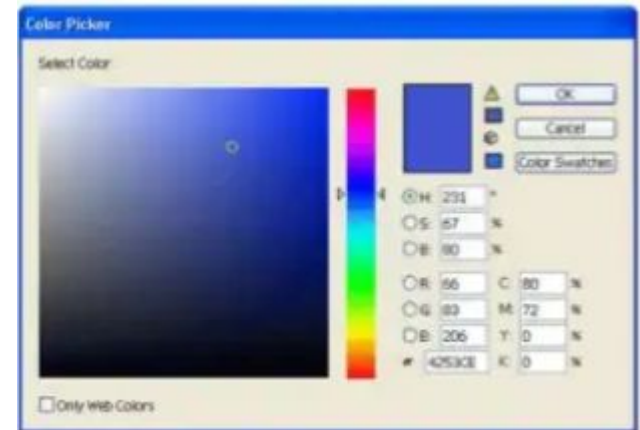
2. Shape Tools



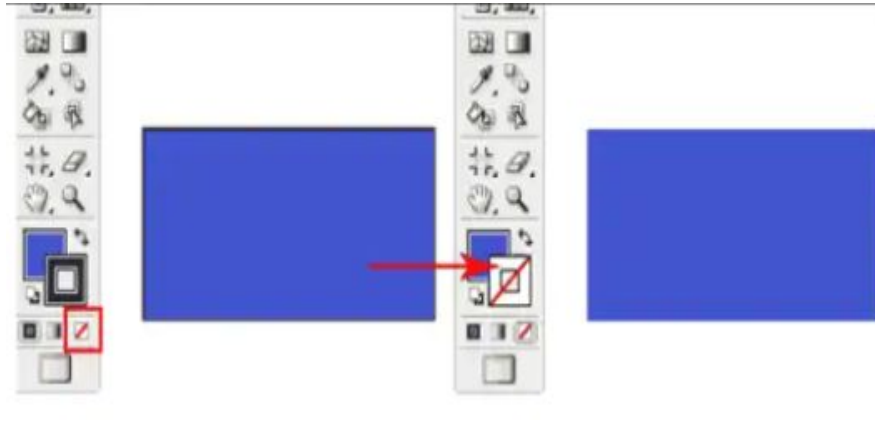
3. FILL AND STROKE



4. CHANGING FILL COLOR



5. REMOVING STROKE



6. CONSTRAIN PROPORTIONS



Hold Shift to constrain proportion