WORKSHOPS

Illustrator CC

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Adobe Illustrator CC Tool Bar

As with toolbars in the other Adobe programs, the toolbar in Illustrator CC contains tools “hidden” under other tools. Click and hold on any tool with a black triangle in the corner to expand the tools underneath. The tool bar also contains shortcuts for changing the fill and stroke colors, drawing modes, and full screen mode. Hover the cursor over any of the tools and the name of the tool will display. In each tool group, an arrow can be seen which will “tear-off” the group and display them in separate bars as shown below.
To start a new document in Illustrator CC go to the **File** menu and select **New** to get the box below. Here you can choose the size and orientation of your document.

![New Document dialog box](image)

In Illustrator CC, more than one artboard can be added to a document. This allows for more than one “page” or print area to exist in a single Illustrator file.

**Working with Artboards**

What used to be the Crop Area tool is now the **Artboard Tool** in CC. You can use this tool to resize existing artboards or to draw new art boards. Art boards can be printed as separate pages.
**Pen Tools**

Use the pen tool to draw a variety of lines like below. To draw perfect straight lines hold down the shift key while clicking your mouse to make the points. To bend lines on your second point hold your mouse click down, and move it to bend the line to your desire.

The Convert Anchor Point tool will change corners into curves. Click an drag on any anchor point to change it.

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**Direct Selection tool**

The Direct Selection tool can be used to select parts of paths and move them. Clicking on a path and dragging it will alter the anchor points to reshape the path. Clicking on an anchor point will allow that point to be moved, or the tangent lines can be selected to change angles and curves.
Type text by clicking wherever you want to type. When you’re finished typing select the type using the selection tool, and change the fonts, size, leading, kerning and more using the Character palette.

Create a text box by clicking and dragging your mouse to the desired size of your text box. This keeps the text inside your box.

Type on a path tool allows you to click on a path and type on it. The path can be a box, circle, pen line or a pencil line.
The Tools below allow you to click and drag your mouse to draw the selected shape. For a perfect square or circle hold down the shift key while dragging your mouse. To change the color of your shape select the selection tool after drawing the shape and look in the color palette. The fill box is the interior color. The stroke box is the line color.
Below are examples of the Paintbrush tool and the pencil tool. The Paintbrush tool paints with a brush edge. You can change the brushes on the paint brush in the brush palette. The pencil tool draws with a more even line as seen below.

The Rotate tool rotates objects or text or placed images. You can also rotate using the free transform tool or your selection tool. The reflect tool flips an object across an invisible axis you specify. The transform and selection tool can also be used to reflect. The scale tool scales objects or text. The transform and selection tool can also do this. The Shear tool slants or skews objects. The Reshape tool allows you to place points on a path and move those points using your Convert anchor point tool.
The Width Tool can be used to change the width of different segments of strokes. After the width is adjusted in different segments, the new profile can be saved and easily applied to additional shapes with the stroke palette.

The Twirl Tool curls areas of paths around the center point shown by the cross-hairs in the center of the brush. The options for the twirl tool, such as width and height of the brush and the twirl rate, can be found by **Double Clicking** the twirl tool. To spin the shape in the opposite direction, change the Twirl Rate to a negative number.

The Warp Tool “pushes” or “pulls” paths and strokes in different directions.
6 Scallop Tool

The Scallop Tool pulls edges toward the center of the brush creating curves.

7 Crystallize Tool

The Crystallize Tool pushes edges away from the center of the brush creating points.

8 Wrinkle Tool

The Wrinkle Tool bends any path that the brush touches.

6 Scale Tool

The Scale and Shear Tools move shapes around an anchor point. It is important to remember that once this tool is selected, an anchor point must be set. After setting the anchor point, clicking and dragging the path will reshape it.

Holding down the ALT key while the path is reshaped will create a duplicate shape. The action can also be repeated by pressing Ctrl+D, or Object > Transform > Again.

7 Shear Tool

8 Reshape Tool

The Reshape Tool selects anchor points and moves them while keeping the general shape of a path (curves, strokes, etc) intact.
Palette shortcuts are found on the left side of Illustrator. You can also open the palettes in the Window Menu from the top menu. Here are a few of the palettes.

- **Fill color**
- **Stroke color**
- **No color**
- **Color Picker**

Below is an example how to find different color libraries in the swatches palette.

The Brush Palette is pictured below. To view more brushes go to open brush library and choose your category. Below is a sample from the Frame border. Brushes are applied to the stroke of an object or text.

Brushes can also be applied to lines and any other shapes.
The Stroke palette allows you to change the weight or thickness of your stroke. Also to determine if you want a solid line or a dashed line. To change the color, select the stroke in the color palette and select a color. In CC, arrowheads have been added to the stroke palette.

To apply a gradient to shape select the gradient palette. Drag colors from the swatches palette to the gradient palette. To take colors off a gradient simply drag them off the color bar in the gradient palette.
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