

LOG ON TO ANIMATE CC

CLASS VII CH4 PD-3

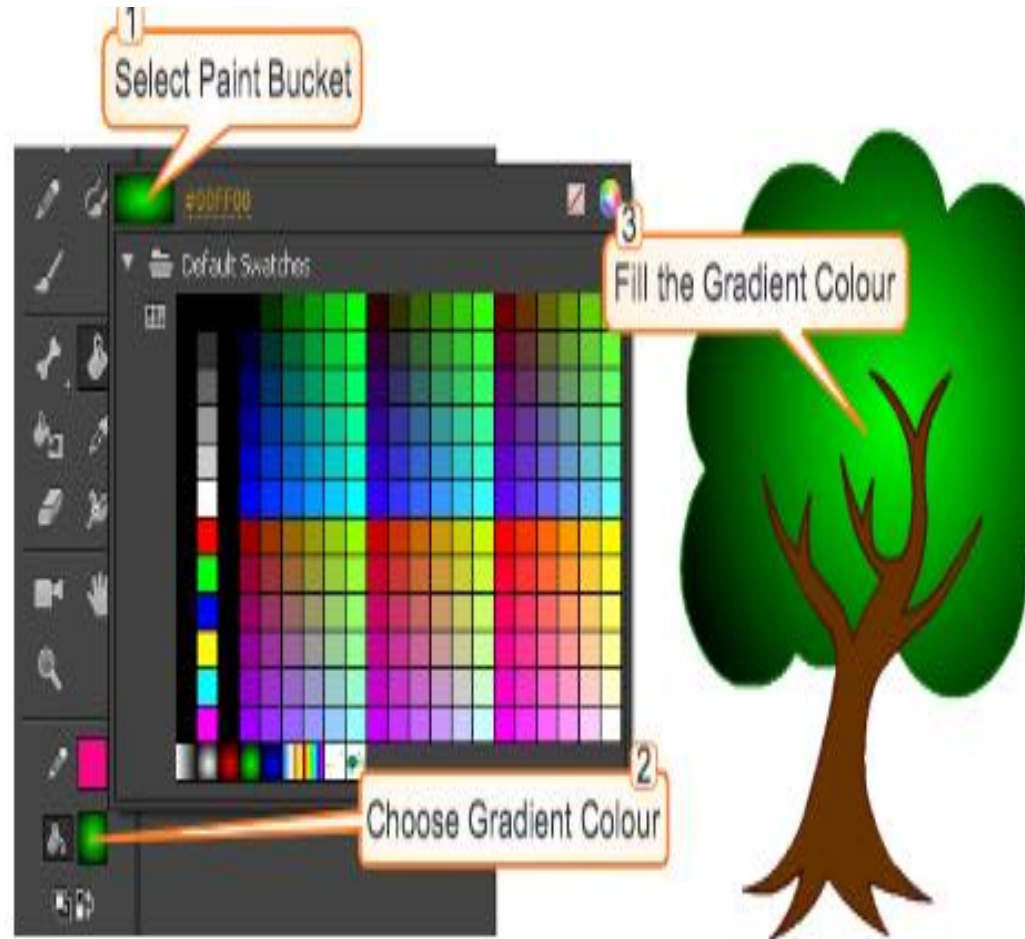
CHANGING YOUR TOMORROW

LEARNING OUT COMES OF THIS CLASS

- *Applying Gradient fill*
- *Types of gradient*
- *Creating new Gradient*
- *Modifying Linear gradient*

➤ APPLYING GRADIENT FILL



A gradient is a multicolour fill in which one colour gradually changes into another colour. Gradients are formed by mixing of two or more colours in an object. We can either use the in-built gradient presets from the **Swatches panel** or use the **Color panel** to create your own gradients and add them to the **Swatches panel**.



Steps to gradient fill

Follow these steps to apply a gradient fill to an object:

Figure 4.13: Applying Gradient Fill

- Select the tree using the **Selection Tool** .
- Ungroup the selection by pressing **Ctrl+Shift+G** key combination, or by double clicking on the tree.
- Select the **Paint Bucket Tool** .
- Click the **Fill Color** swatch to get the colour palette.
- Select the Green gradient colour effect from the **Swatches** panel, and click inside the top of the tree. The gradient colour fills the shape.

Types of Gradient

Animate can create two types of gradients –

Linear Gradient changes colour from the starting point to the end point in a straight line.

Radial Gradient changes colour in a circular outward direction, starting from the focal point.

MODIFYING A LINEAR GRADIENT

- Click on the small triangle on the bottom right corner of the **Free Transform Tool** and select the **Gradient Transform Tool** from the **Tools** panel.
- Click on the object filled with gradient colour in it.
- The Gradient selection shape will appear as shown in Figure 4.15.

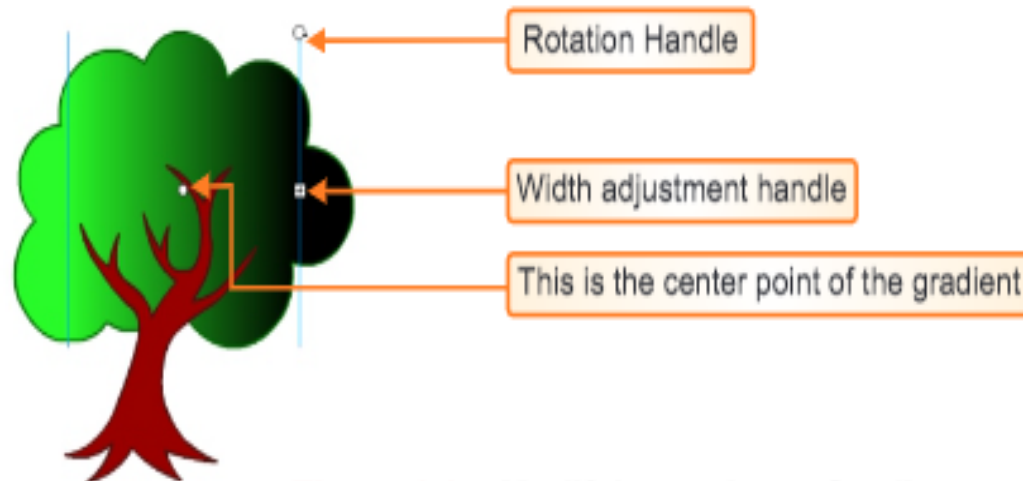


Figure 4.15: Modifying a Linear Gradient

CHANGING THE CENTER, WIDTH OF GRADIENT



Figure 4.16: Changing the Center of the Gradient



Figure 4.17: Changing the Width of the Gradient

ROTATING THE GRADIENT

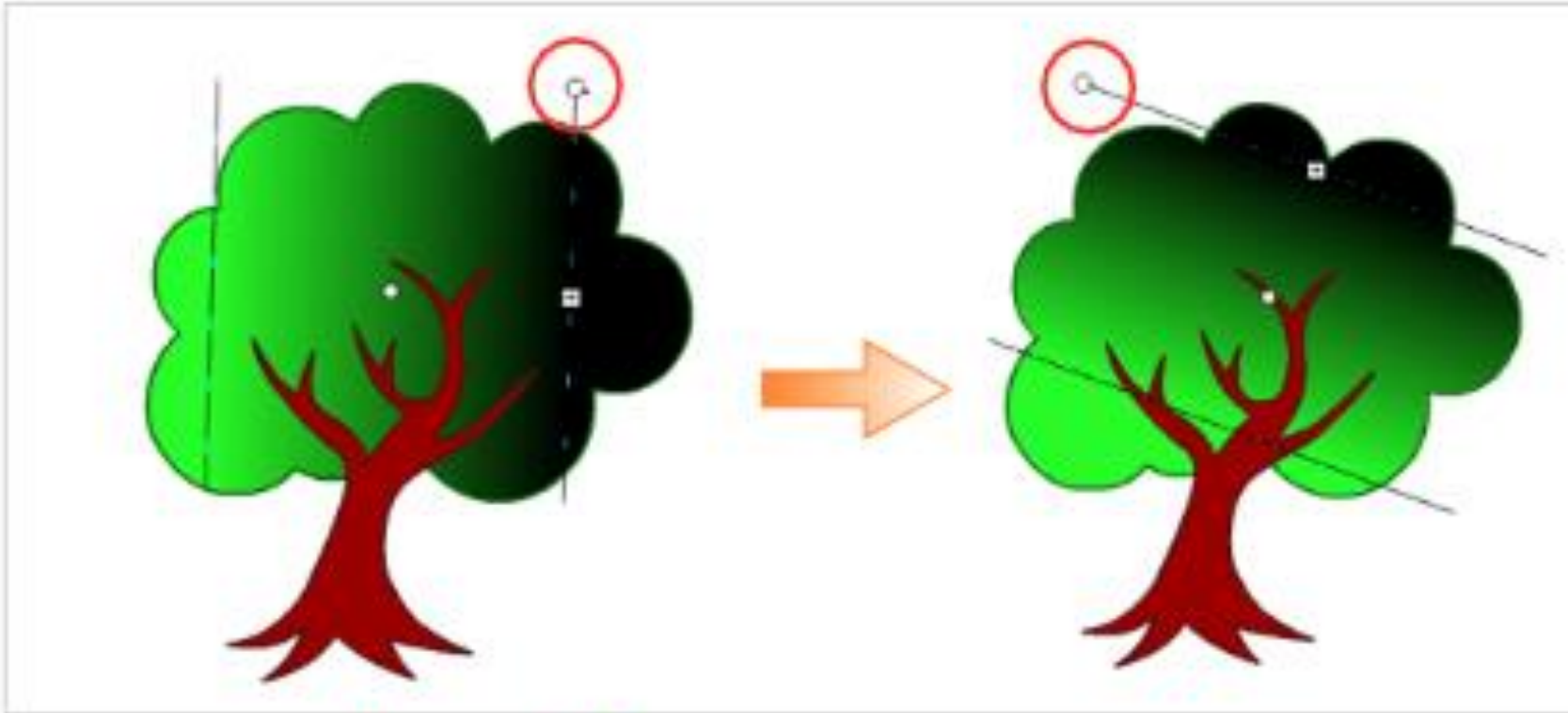



Figure 4.18: Rotating the Gradient Fill

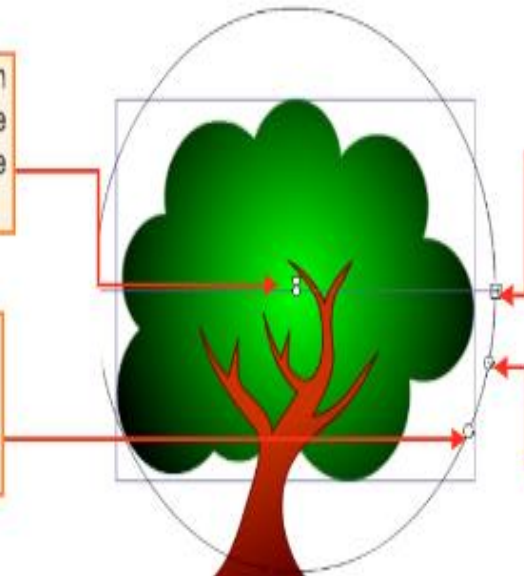
MODIFYING RADIAL GRADIENT

Likewise, we can modify a Radial gradient colour filled inside the tree. Let us modify the gradient filled in the shape by using the **Gradient Transform Tool**.

- Select the **Gradient Transform Tool**  in the **Tools panel** and click on the object.
- The bounding shape will appear as shown in Figure 4.19.
- Adjust the gradient as required.

Center of the gradient: We can drag the center point to change the starting point of colour mixing of the gradient.

Rotation handle: We can drag the rotation handle clockwise or anti-clockwise to rotate the gradient as required.




Width adjustment handle: We can drag the width adjustment handle to increase/decrease the gradient's width.

Radius adjustment handle: We can drag the radius adjustment handle to alter the gradient size proportionately.


EDITING OBJECTS

SELECTING OBJECTS


To edit an object, we need to first select it.

- Click on the **Selection Tool** .
- Click and drag the selection box around the object and release the mouse button. Or
- Double-click on the object to select both stroke and fill.

TRANSFORMING THE SHAPE

Using the **Free Transform Tool** , we can scale, rotate, compress, stretch, or skew lines and shapes.

To **compress** the drawing, follow these steps:

- Draw a hexagon using the **PolyStar Tool**.
- Select the **Free Transform Tool**  in the **Tools** panel.
- Double-click on the hexagon on the stage to select both stroke and fill. A bounding box appears around the object.
- Drag the handle on the top center of the box down to shrink the hexagon.

To scale an object, follow these steps:

- Select the **Free Transform Tool** from the **Tools panel** and double-click on the object.
- To scale the object in both the horizontal or vertical direction, drag one of its corner handles.
- To scale the object horizontally, drag the horizontal center handle. Likewise, to scale the object vertically, drag the vertical center handle.

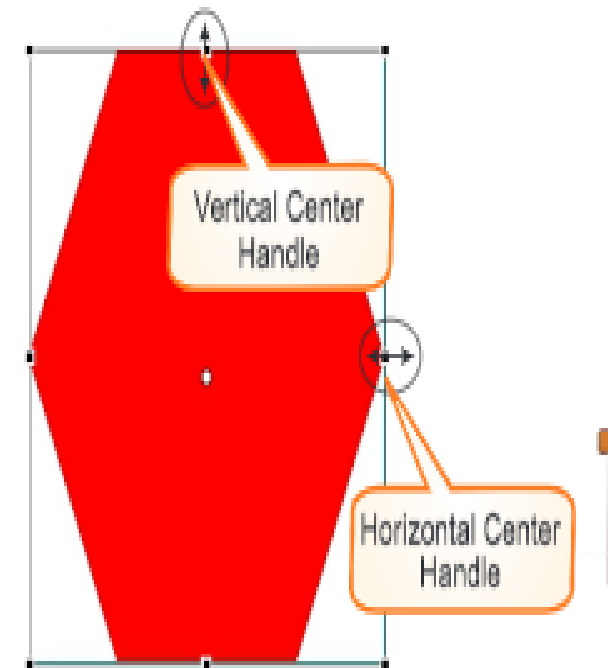


Figure 4.21: Scaling an Object

ROTATING AN

ROTATING AN OBJECT

Follow the given steps to rotate/skew the object:

- Select the object.
- Select the **Modify > Transform > Rotate and Skew**. Or

SKEWING AN OBJECT

Skewing an object means slanting the object by a specific angle along with one or both the axes. You can skew an object by dragging or by entering a value in the Transform panel.

- Select the object using the **Free Transform Tool**.
- Choose the **Window > Transform** option.
- Click on the **Skew** radio button and enter values for **Skew Horizontal** and **Skew Vertical** angles. Or

Hover the mouse on the center handle, the pointer changes to a skew handle (↔).

Create new gradient


Linear



Radial



To create a new gradient, follow these steps:

- Choose the **Window > Color** option to display the **Color** panel.
- Choose either **Linear gradient** or **Radial gradient** from the **Color type** drop-down list. Here we have selected the Linear gradient.
- Double-click on the **Left Pointer** below the gradient definition bar. The colour palette appears. Select the brown colour.
- Double-click on the **Right pointer** and select the orange colour.
- Select the **Paint Bucket Tool**  and click on the trunk of the tree.

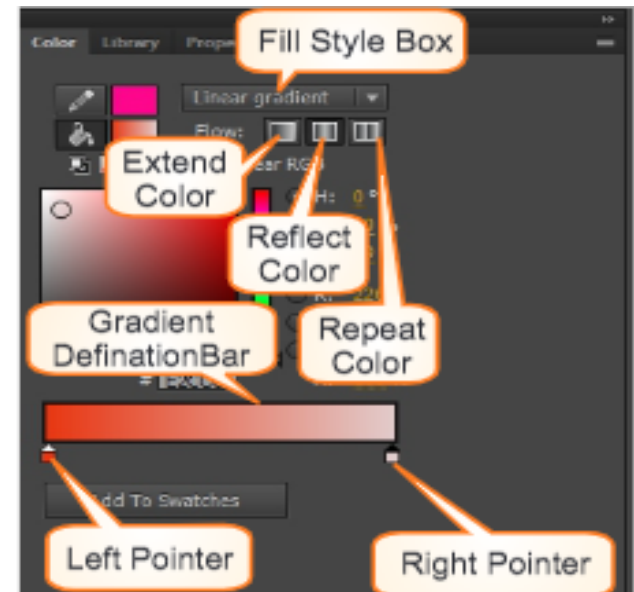


Figure 4.14: Color Panel

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THANKING YOU
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