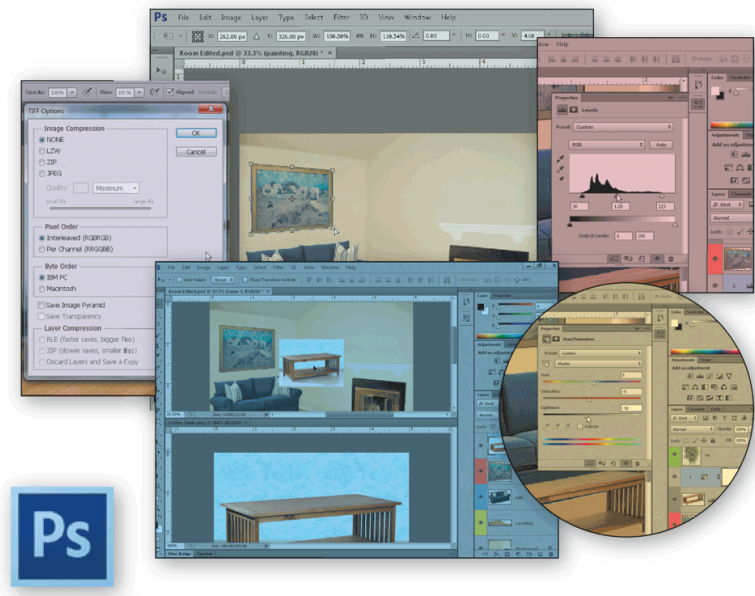


Adobe® Photoshop® CS6

Chapter 3

Working with Layers



Objectives

- Use the Layers panel and change options
- Create a layer via cut
- Rename layers and set identification colors
- Hide, view, and rearrange layers
- Arrange and consolidate document windows
- Create a new layer from another image or selection
- Transform selections and layers

Objectives

- Use the Eraser, Magic Eraser, and Background Eraser Tools
- Create layer masks
- Make level adjustments and opacity changes
- Apply adjustments using the Adjustments panel
- Create a layer style
- Use the Clone Stamp Tool
- Flatten a composite image

Project – Room Furnishing



(a) Original image

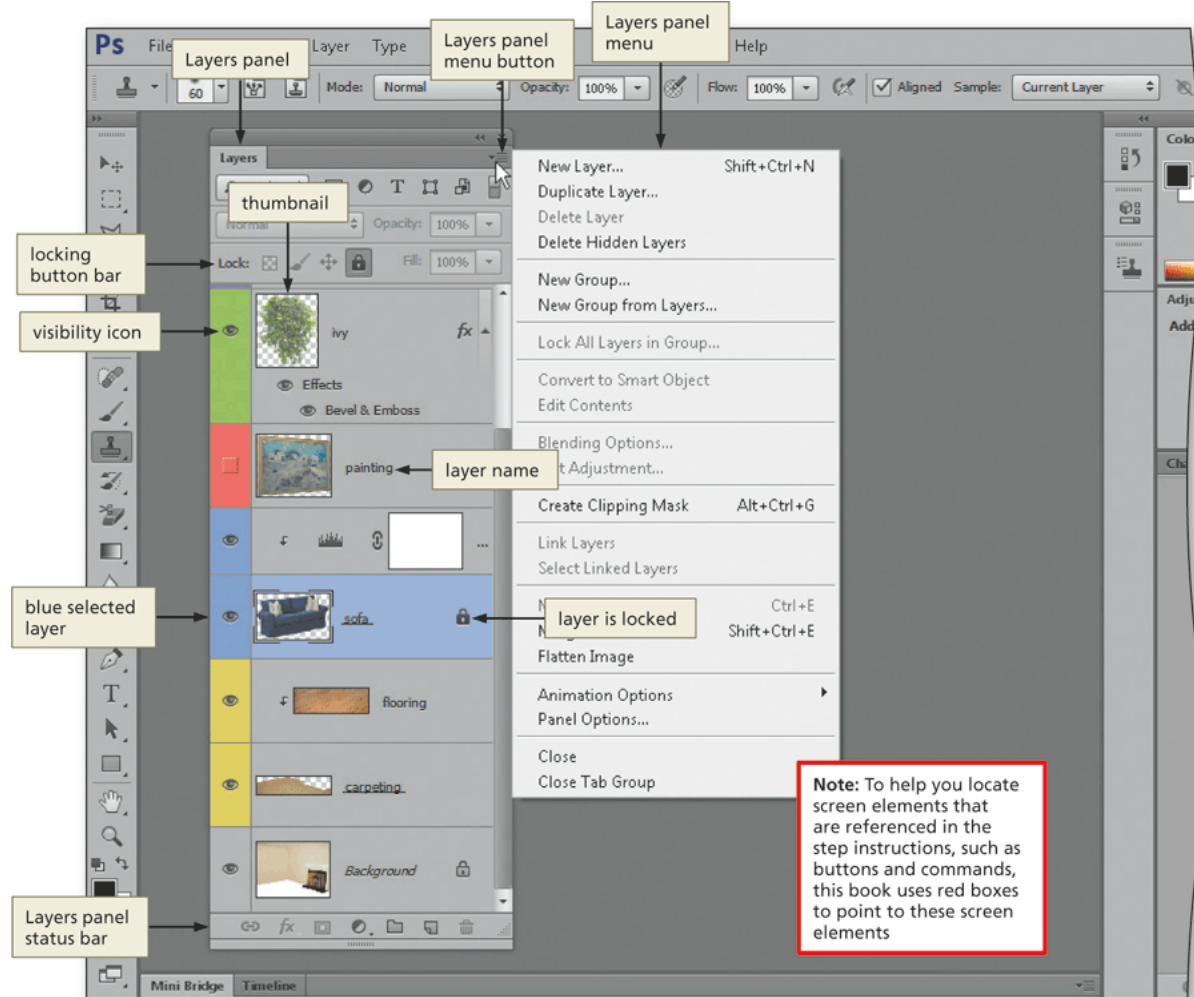


(b) Edited image

General Project Guidelines

- Gather your photos and plan your layers
- Evaluate the best way to move outside images into the composite
- Create layer adjustments
- Edit layer styles

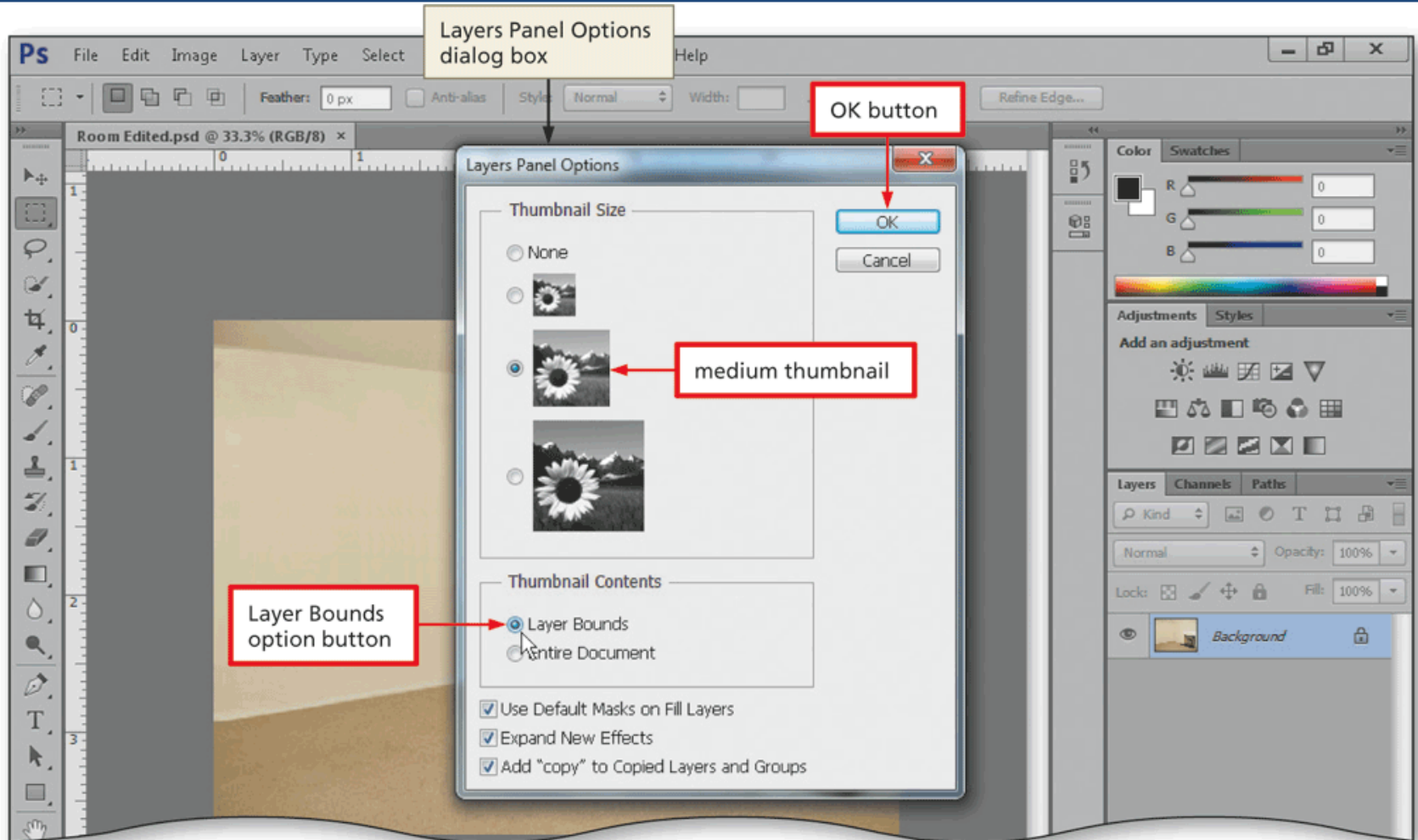
Creating a Composite Image Using Layers



Changing Layers Panel Options

- Click the Layers panel menu button to display the Layers panel menu
- Click Panel Options on the menu to display the Layers Panel Options dialog box
- Select the desired options
- Click the OK Button to close the Layers Panel Options dialog box

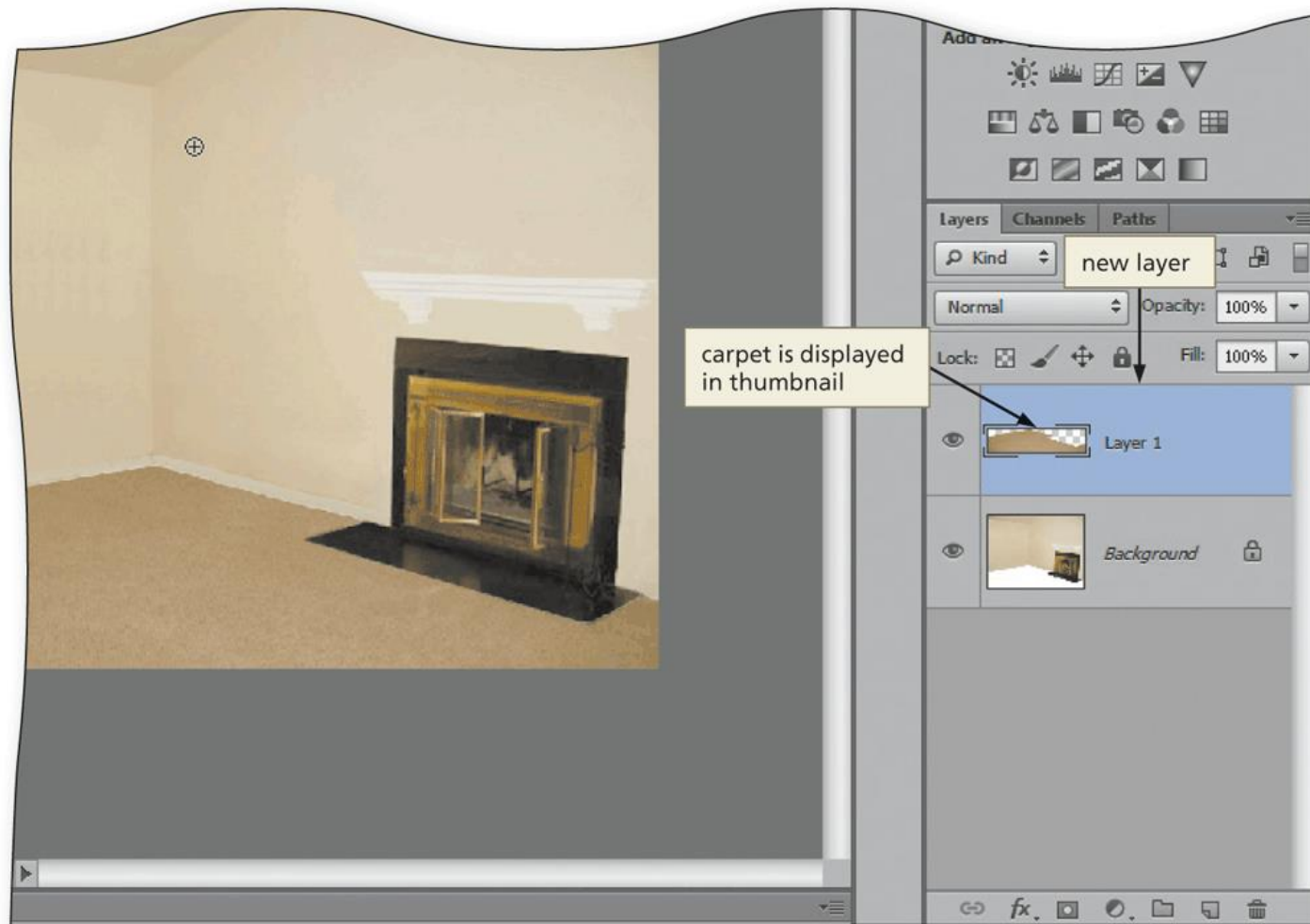
Changing Layers Panel Options



Creating a Layer Via Cut

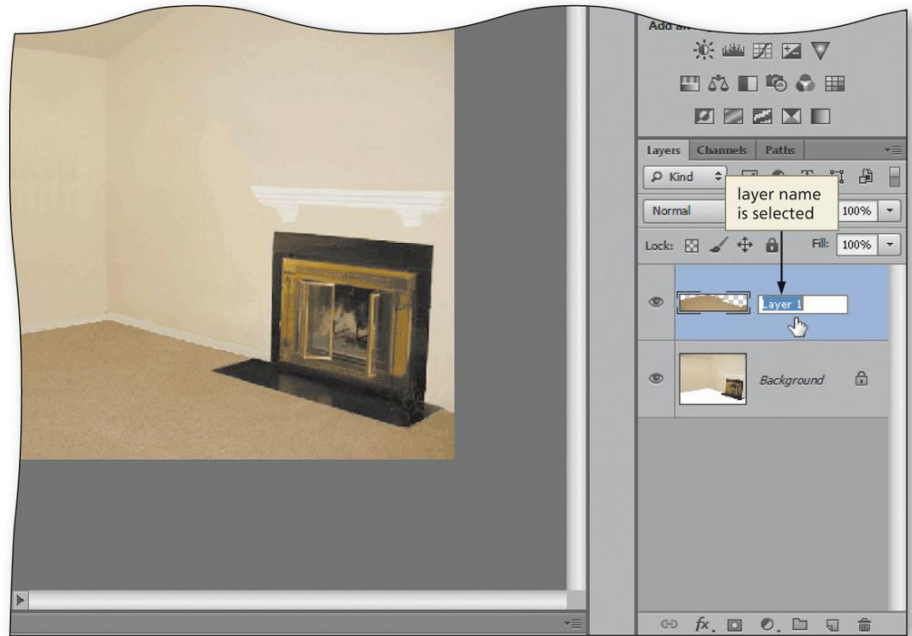
- On the Tools panel, select the Quick Selection Tool
- If necessary, click the New selection button on the options bar to start a new selection
- In the photo, drag slowly to select the desired object
- Right-click the selection to display the context menu
- Click Layer via Cut on the context menu to create the new layer

Creating a Layer Via Cut



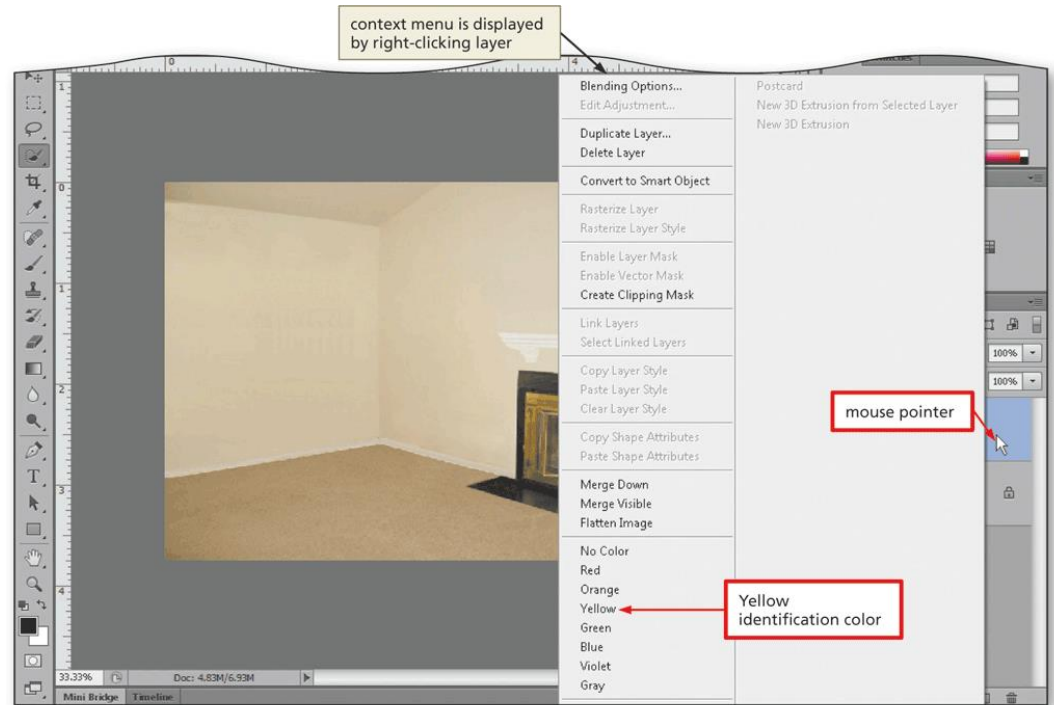
Renaming a Layer

- On the Layers panel, double-click the name of the layer you want to rename
- Type the desired name, and then press the ENTER key to rename the layer



Assigning a Color to a Layer

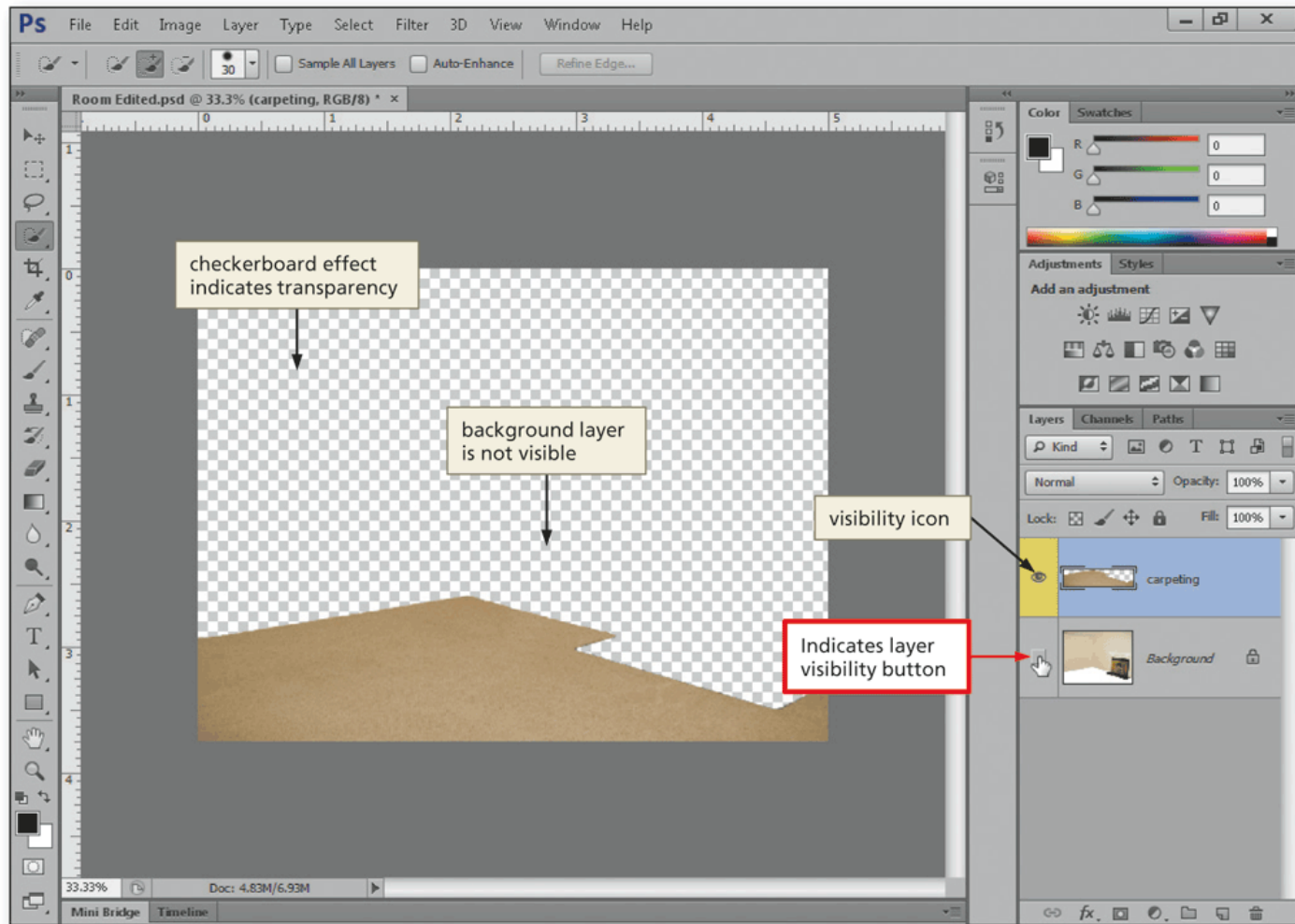
- Right-click the layer you want to recolor
- Click the desired color in the list to choose the identification color



Hiding and Showing a Layer

- Click the 'Indicates layer visibility' button to the left of the layer to hide the layer in the document window and to hide the visibility icon
- Click the 'Indicates layer visibility' button again to show the layer in the document window and display the visibility icon

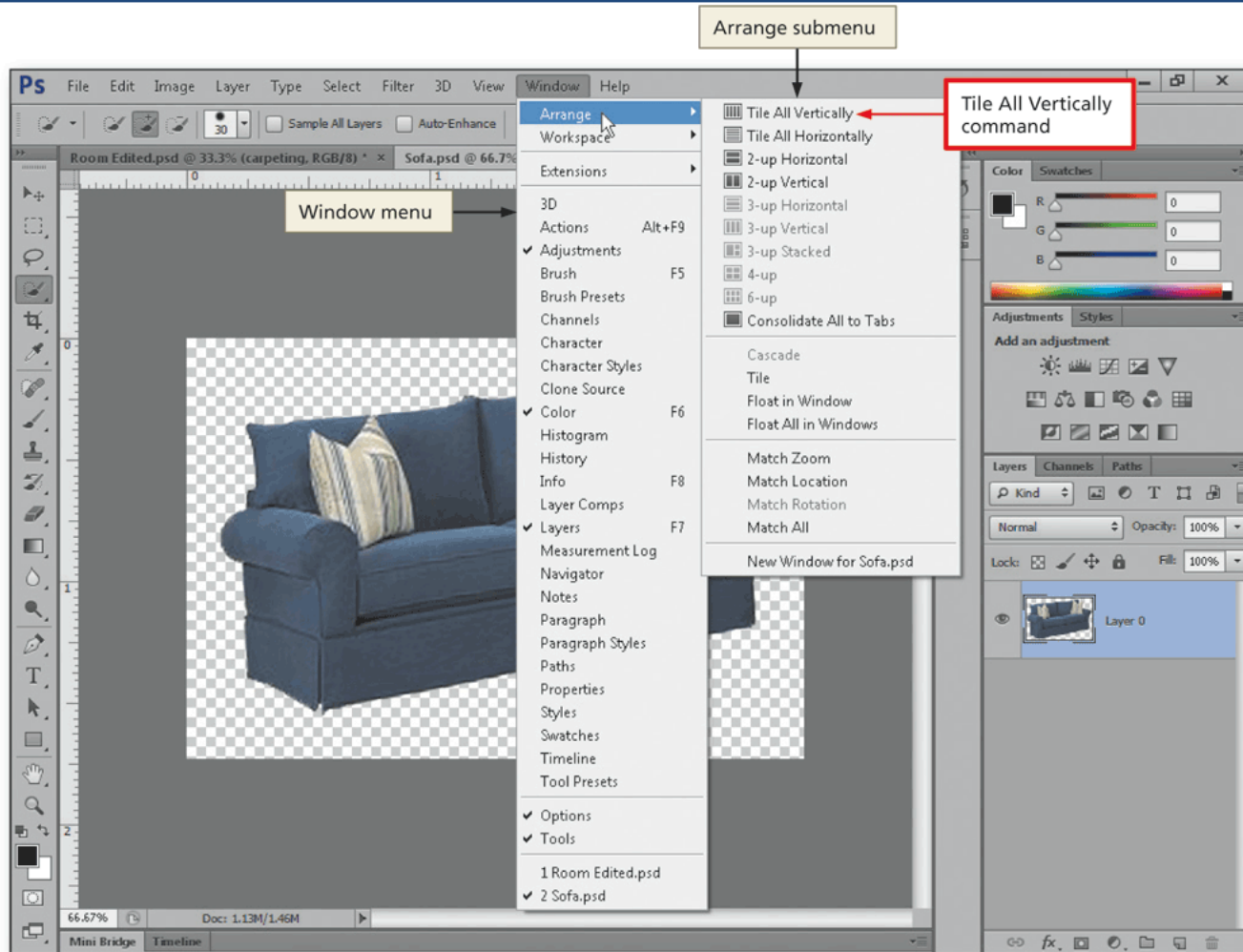
Hiding and Showing a Layer



Arranging the Document Windows

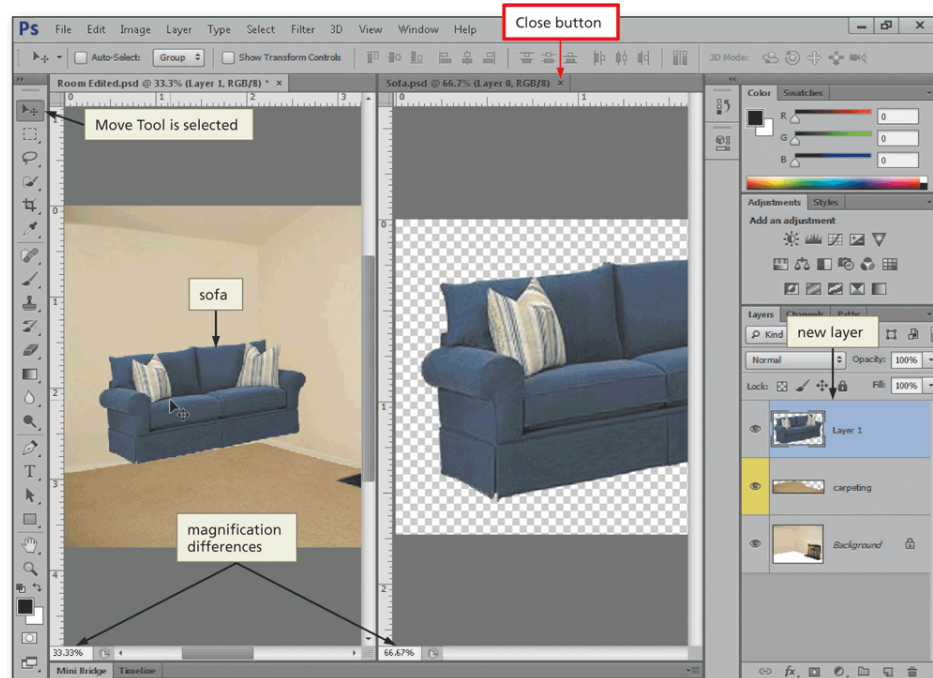
- On the Application bar, click Window and then point to Arrange to display the Arrange submenu
- Click the desired option in the list to arrange the multiple document windows

Arranging the Document Windows



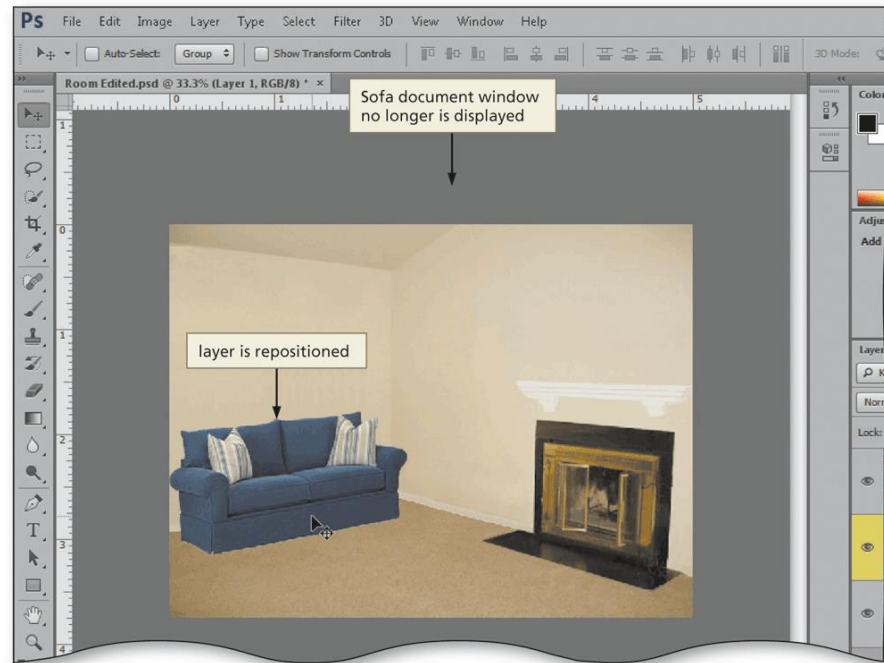
Creating a Layer by Dragging an Entire Image

- Press the V key to activate the Move Tool
- Drag the image from one window and then drop it in the other window



Moving a Layer in the Document Window

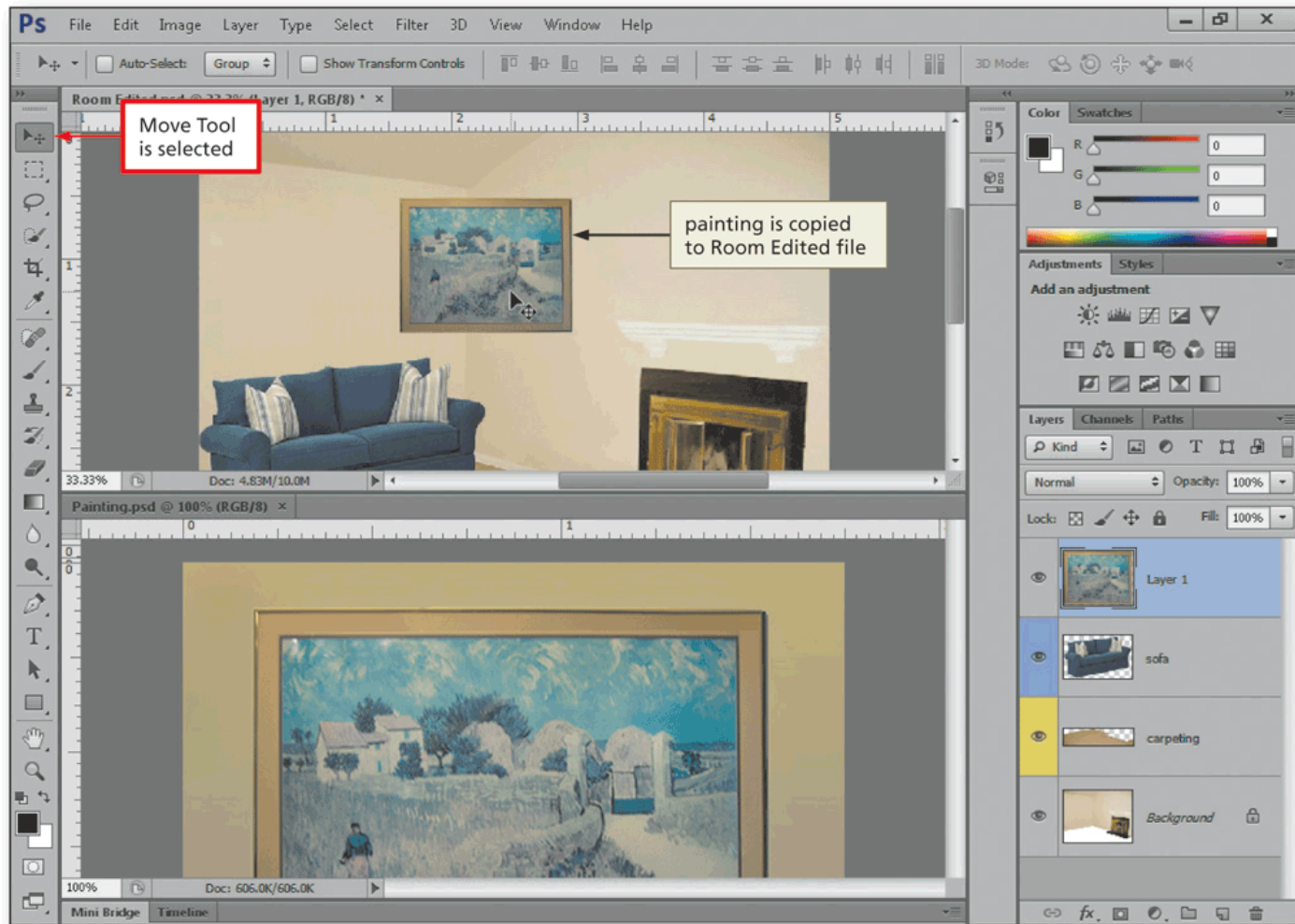
- With the layer selected on the Layers panel, and the Move Tool selected on the Tools panel, drag the layer to the desired location



Creating a Layer by Dragging a Selection

- Select the item in the first photo to move
- On the Application bar, click Window, point to Arrange to display the submenu and click the desired option to arrange the windows
- Press the V key to activate the Move Tool
- Drag the selection and drop it in the new document window

Creating a Layer by Dragging a Selection



The Transformation Commands

Table 3–1 Transformation Commands

Using the Menu	Using the Mouse (Free Transform)	Using the Transform Options Bar	Result
Scale	Drag a sizing handle on the bounding box. SHIFT+drag to scale proportionately. ALT+drag to scale opposite sides at the same time.	To scale numerically, enter percentages in the Width and Height boxes, shown as W and H, on the options bar. Click the Link icon to maintain the aspect ratio.	Selection is displayed at a different size.
Rotate 180° Rotate 90° CW Rotate 90° CCW (CW stands for clockwise. CCW stands for counterclockwise.)	Move the mouse pointer outside the bounding box border. It becomes a curved, two-headed arrow. Drag in the direction you want to rotate. SHIFT+drag to constrain the rotation to 15° increments.	In the Set Rotation box, shown as a compass on the options bar, type a positive number for clockwise rotation or a negative number for counterclockwise rotation.	Selection is rotated or revolved around the reference point.

The Transformation Commands

Table 3–1 Transformation Commands (*continued*)

Using the Menu	Using the Mouse (Free Transform)	Using the Transform Options Bar	Result
Skew	Right-click selection and then click Skew. Drag a side of the bounding box. ALT+drag to skew both vertically and horizontally.	To skew numerically, enter decimal values in the horizontal skew and vertical skew boxes, shown as H and V on the options bar.	Selection is tilted or slanted either horizontally or vertically.
Distort	Right-click selection and then click Distort. Drag a corner sizing handle to stretch the bounding box.	Enter new numbers in the location, size, rotation, and skew boxes.	Selection is larger on one edge than on the others.
Perspective	Right-click selection and then click Perspective. Drag a corner sizing handle to apply perspective to the bounding box.	Enter new numbers in the size, rotation, and skew boxes.	The selection appears larger on one edge than on the others, giving the larger edge the appearance of being closer to the viewer.
Warp	When the warp mesh is displayed, drag any line or point.	Click the Custom box arrow. Click a custom warp.	Selection is reshaped with a bulge, arch, warped corner, or twist.
Flip Horizontal Flip Vertical	Flipping is available only on the menu.	Flipping is available only on the menu.	Selection is turned upside down or mirrored.

The Transformation Commands



(a) original



(b) scale



(c) skew



(d) distort



(e) rotate



(f) perspective



(g) warp



(h) flip horizontal

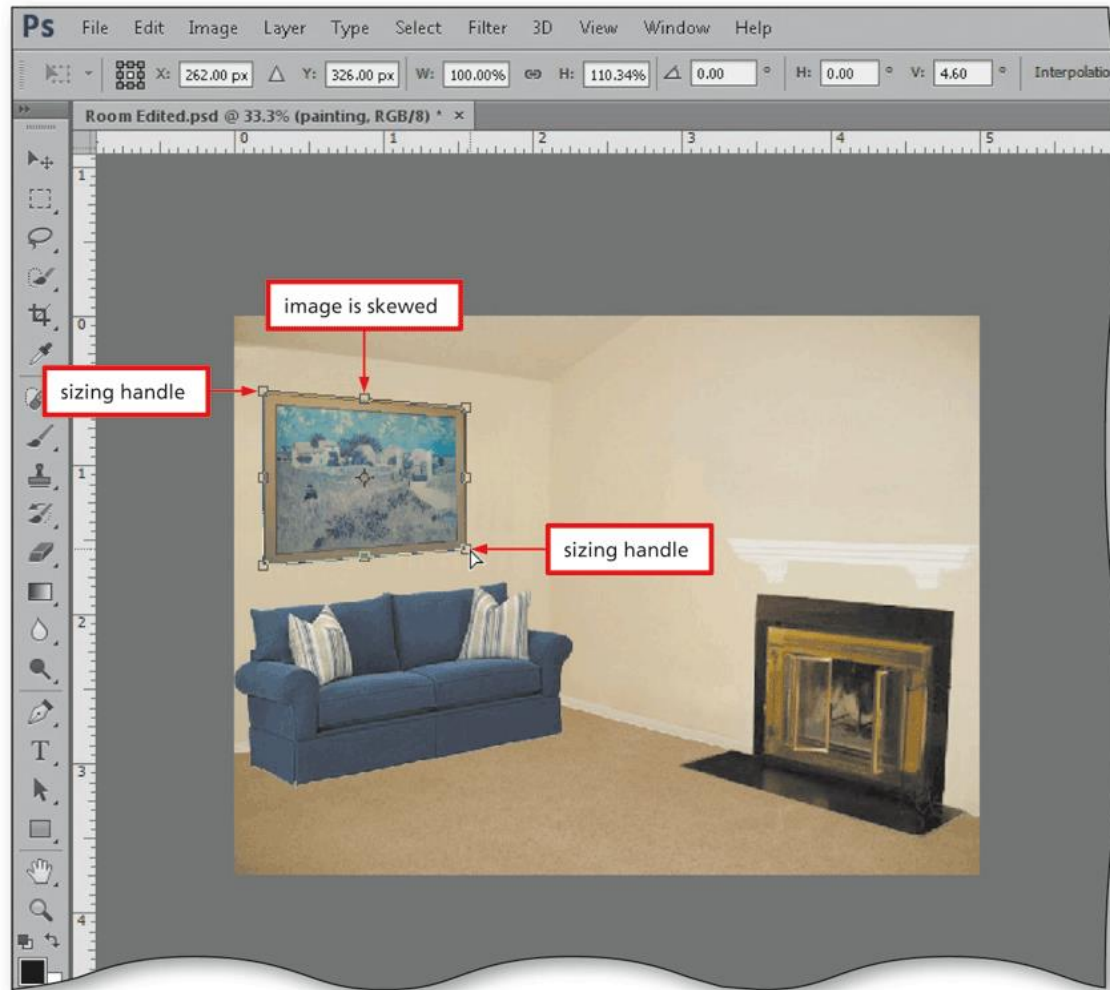


(i) flip vertical

Transforming by Skewing

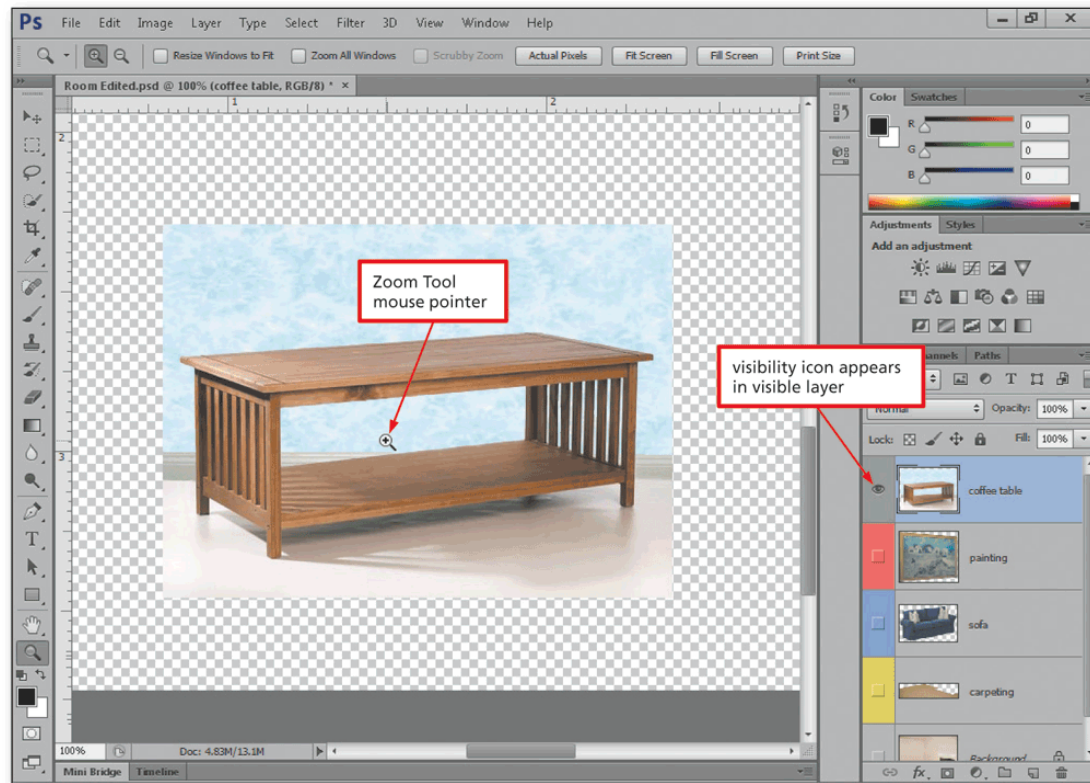
- Press CTRL+T to display the bounding box and the Transform options bar
- Right-click the selection to display the context menu with the list of transformations
- Click Skew on the context menu to activate skewing
- Drag the sizing handles to the desired locations
- Press the ENTER key to commit the transformation

Transforming by Skewing



Displaying Only the Current Layer

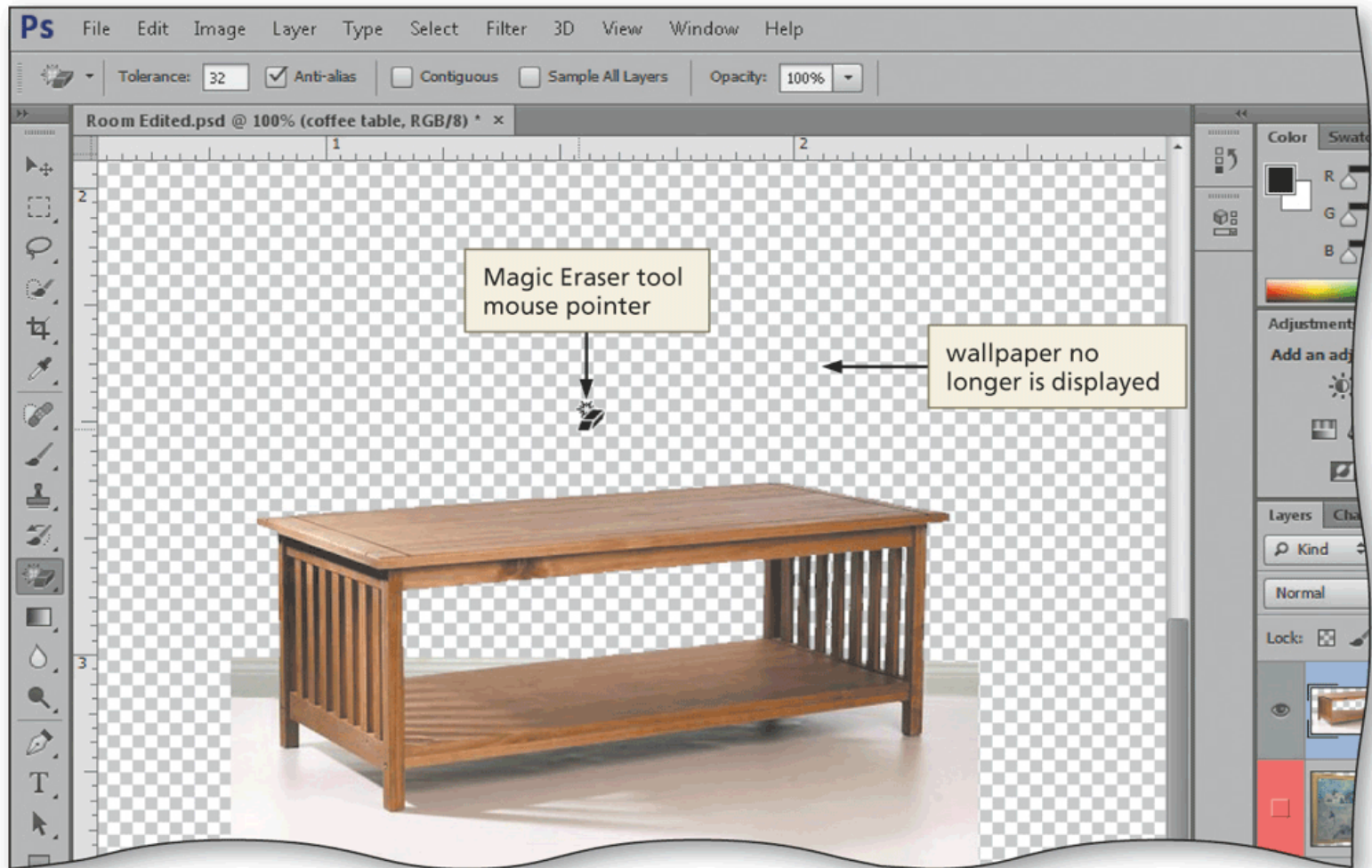
- On the Layers panel, ALT+click the layer visibility icon, so only that layer is displayed



Erasing Using the Magic Eraser Tool

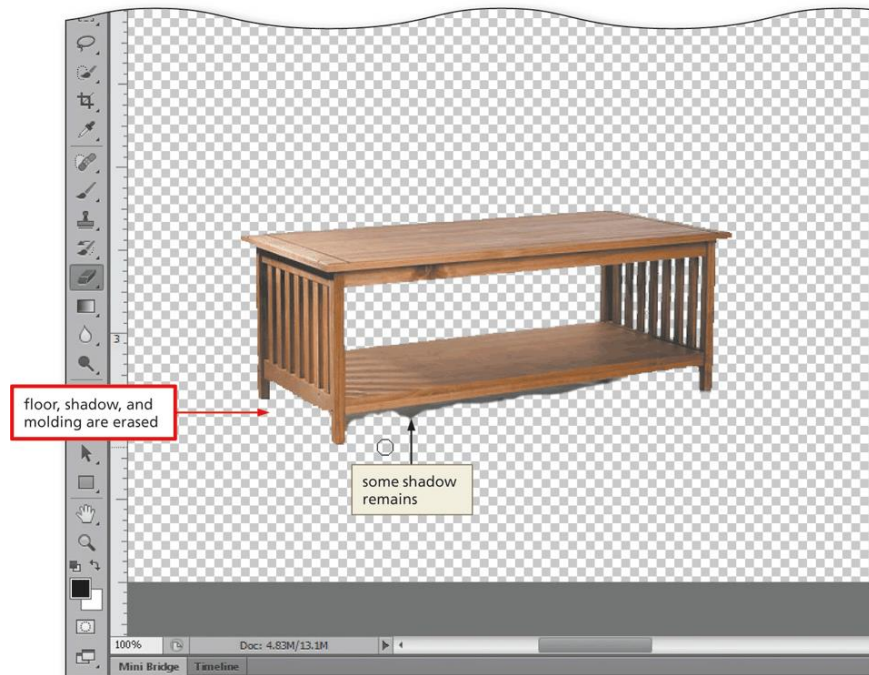
- With the desired layer selected, right-click the Eraser Tool button on the Tools panel to display the context menu
- Click the Magic Eraser Tool to select it
- If necessary, click the Anti-alias check box to display the check mark
- Click the Contiguous check box so it does not display a check mark
- Click the area of the layer to remove

Erasing Using the Magic Eraser Tool



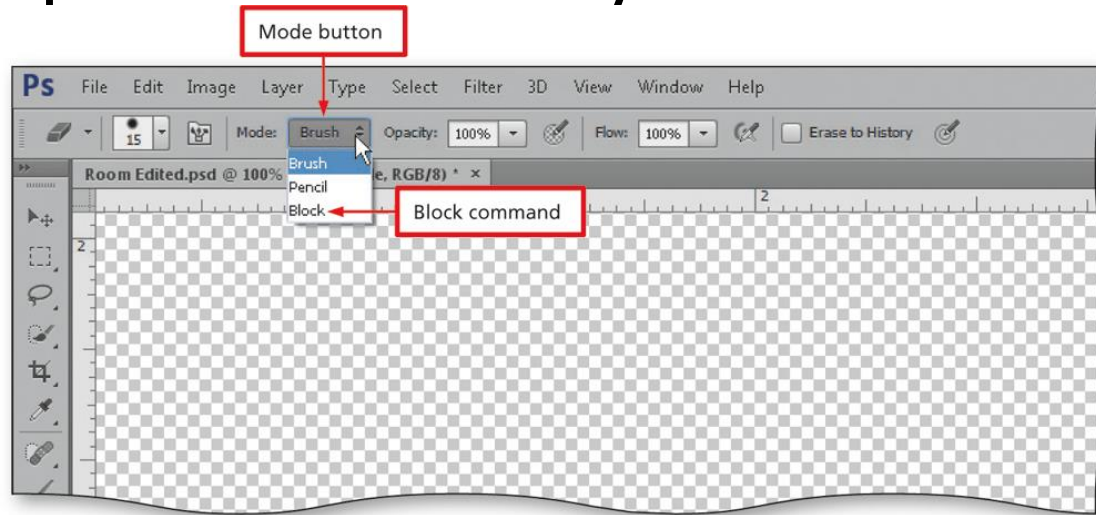
Erasing Using the Eraser Tool

- Drag the mouse across the portion of the photo to erase, using the LEFT BRACKET and RIGHT BRACKET keys to change the size of the eraser



Erasing Using the Block Mouse Pointer

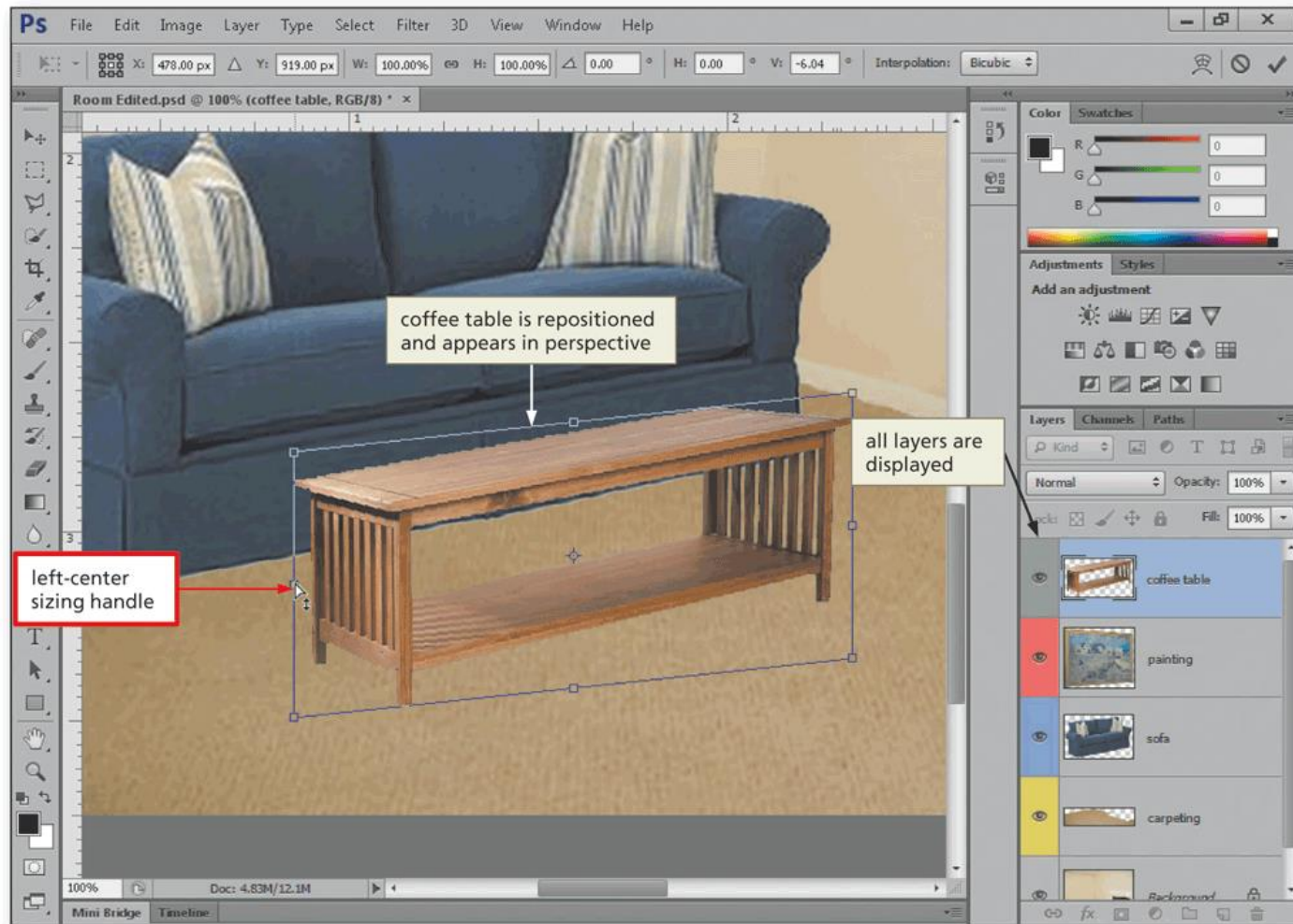
- Click the Mode button on the options bar to display its list
- Click Block to choose a block mouse pointer
- Drag the portion of the layer to erase



Transforming by Changing the Perspective

- With the desired layer selected, press CTRL+T to turn on the bounding box
- Right-click within the bounding box to display the context menu and then select Perspective
- Drag the sizing handles to change the perspective
- Press the ENTER key to confirm the transformation

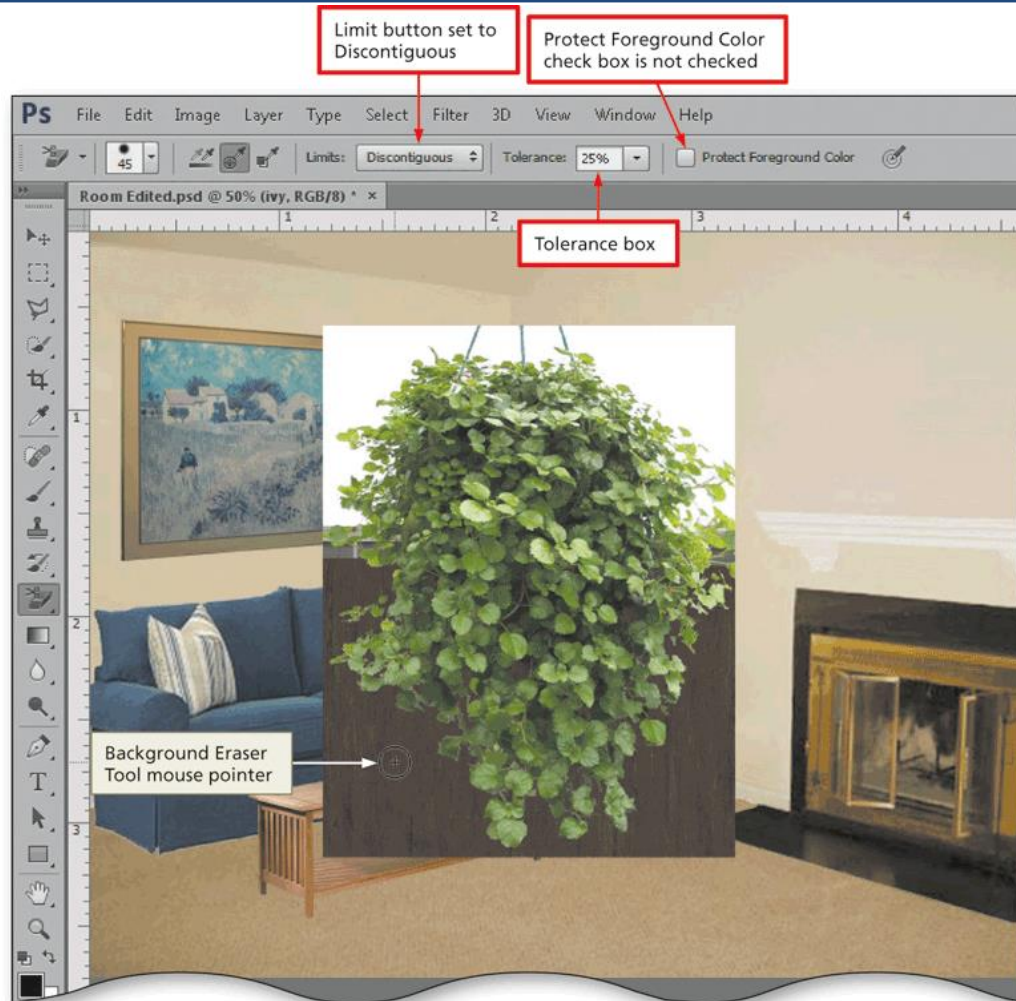
Transforming by Changing the Perspective



Erasing Using the Background Eraser Tool

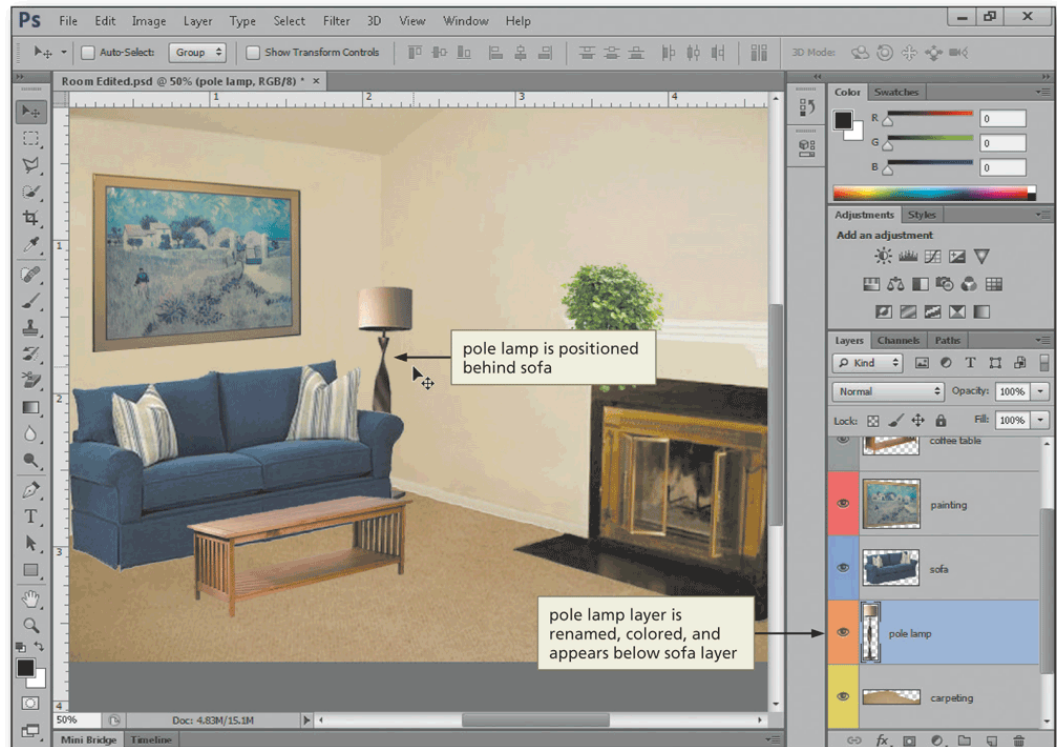
- With the layer selected, right-click the Eraser Tool button on the Tools panel and then click Background Eraser Tool on the context menu to select the tool
- On the options bar, click the Sampling: Once button
- Click the Limits box arrow to display its list
- Click Discontiguous to choose the setting
- Enter the desired value in the Tolerance box and then press the ENTER key
- Drag across the layer to remove the background

Erasing Using the Background Eraser Tool



Rearranging Layers

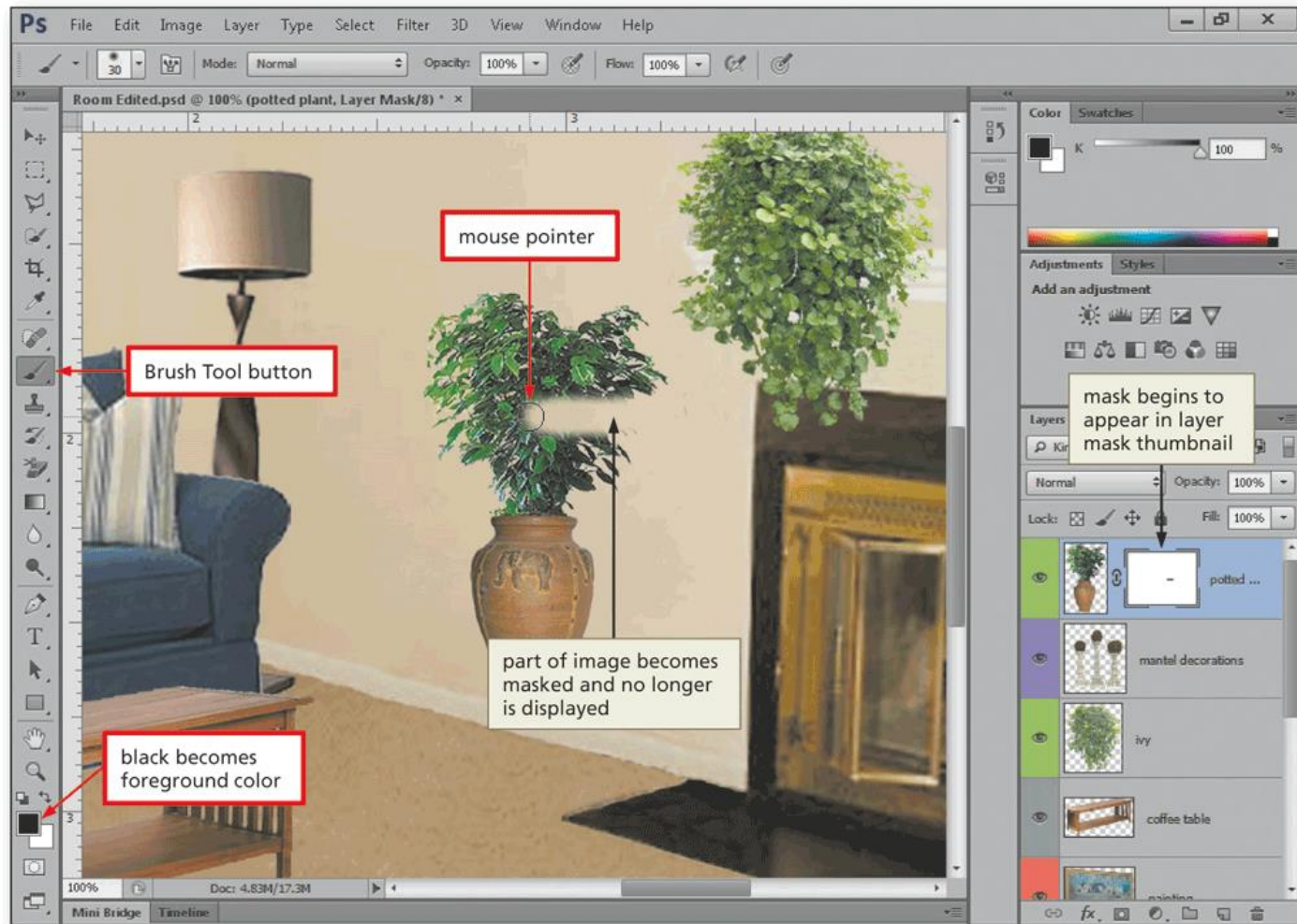
- Select the layer to rearrange
- Press CTRL+LEFT BRACKET several times to move the layer down



Creating a Layer Mask

- With the layer selected, click the 'Add layer mask' button on the Layers panel status bar to create a layer mask
- If necessary, press the X key to choose black over white
- Press the B key to activate the brush and then move the mouse pointer into the document window
- Drag the mouse across the portion of the layer to mask

Creating a Layer Mask



Correcting a Masking Error

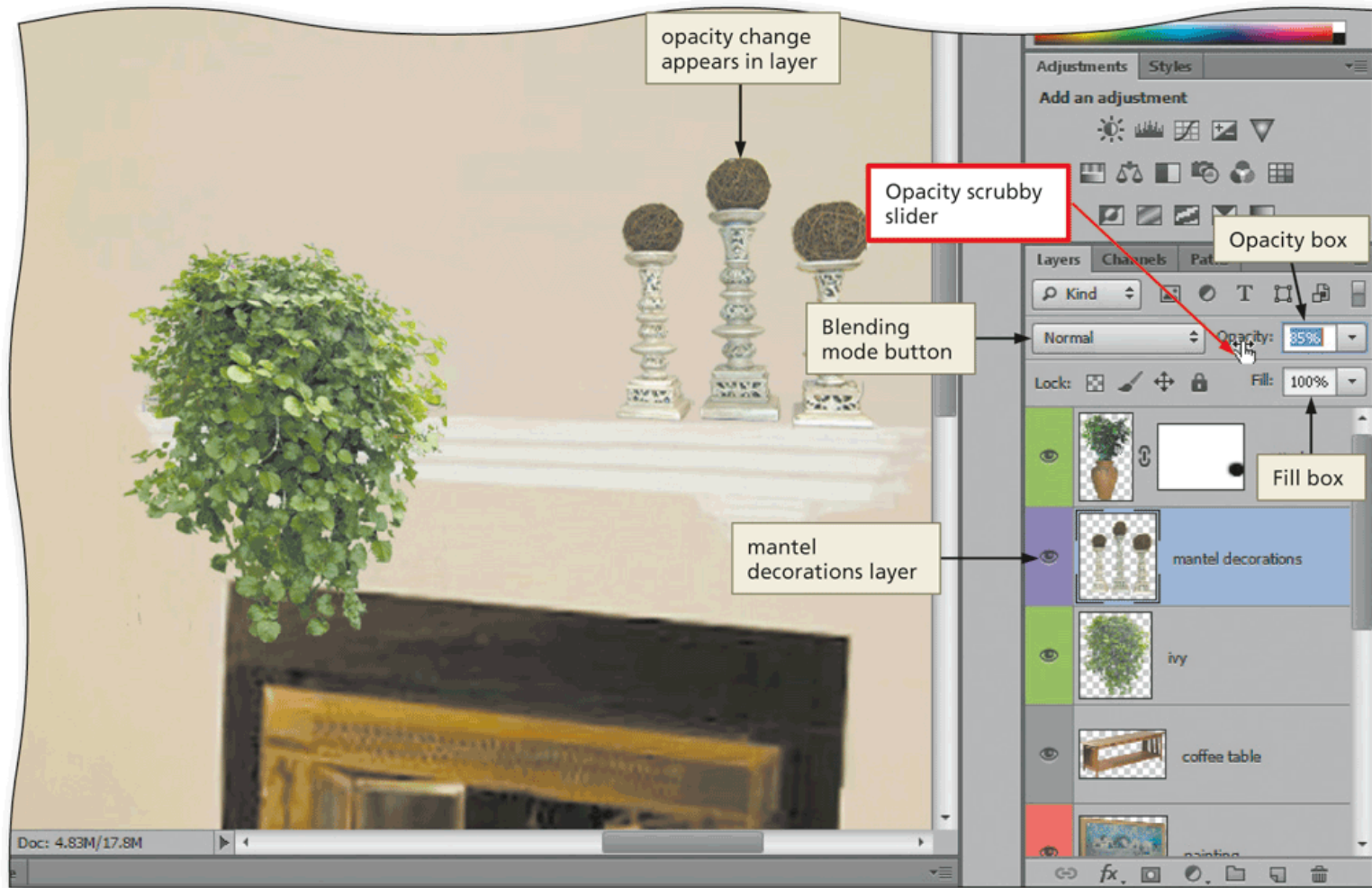
- Press the X key to switch the foreground and background colors
- Drag across the desired portion of the object to unmask it



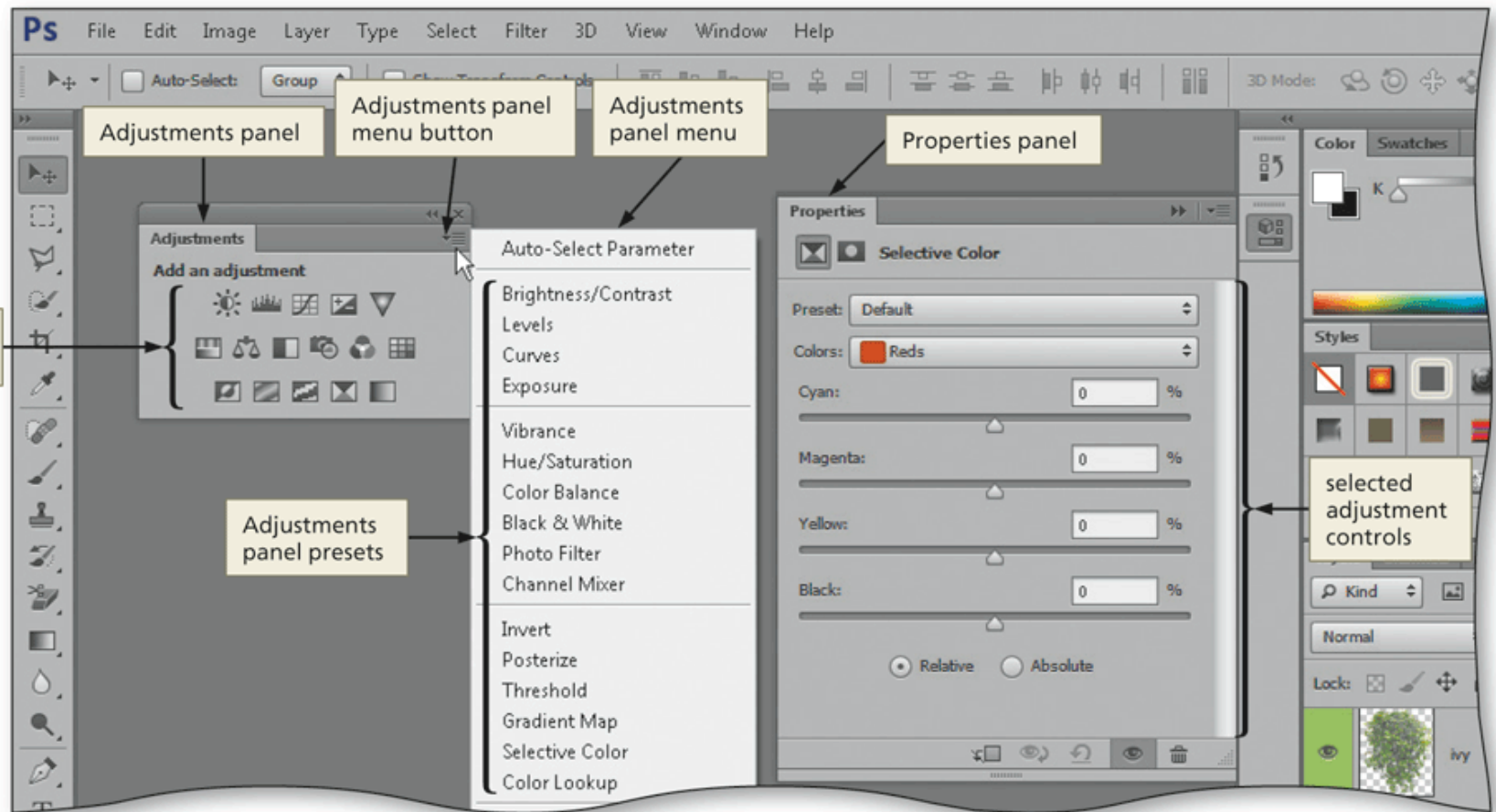
Making an Opacity Change to a Layer

- Select the desired layer in the Layers panel
- On the Layers panel, point to the word, Opacity, and then drag the scrubby slider to the left until the Opacity box displays the desired value

Making an Opacity Change to a Layer



The Adjustments Panel



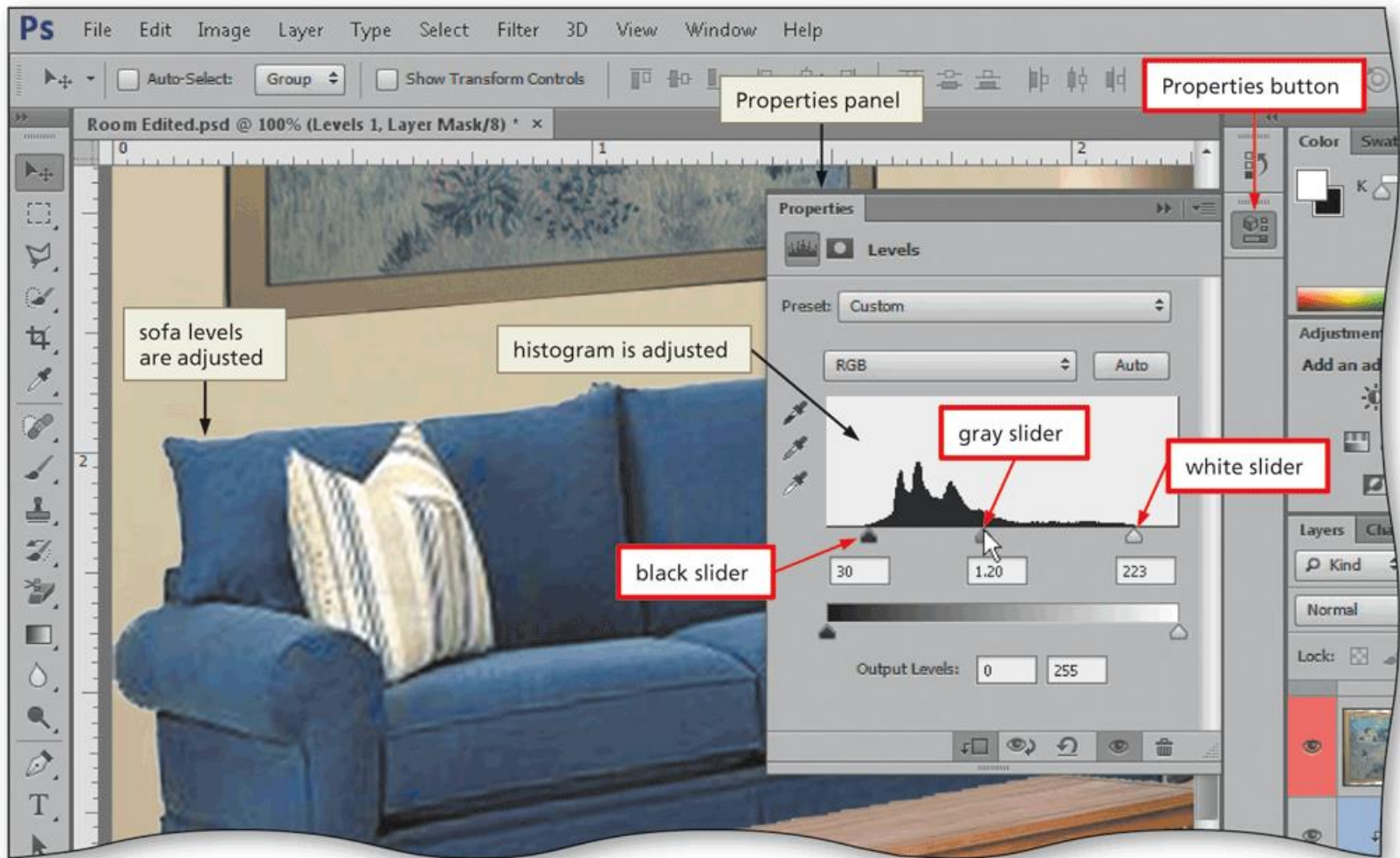
Making a Levels Adjustment

- Click the desired layer to adjust
- Click the Levels icon on the Adjustments panel to display the level settings and options
- Click the Clip to Layer button on the Adjustments panel status bar to adjust only the selected layer
- Click the 'Calculate a more accurate histogram' button to make the level change more visible
- In the input area, drag the white Levels Input slider to the desired setting

Making a Levels Adjustment

- Drag the black Levels Input slider to the desired setting to adjust the shadows
- Drag the gray Levels Input slider to the desired setting to adjust the midtone colors
- Click the Properties button on the vertical dock to collapse the Properties panel and complete the adjustment

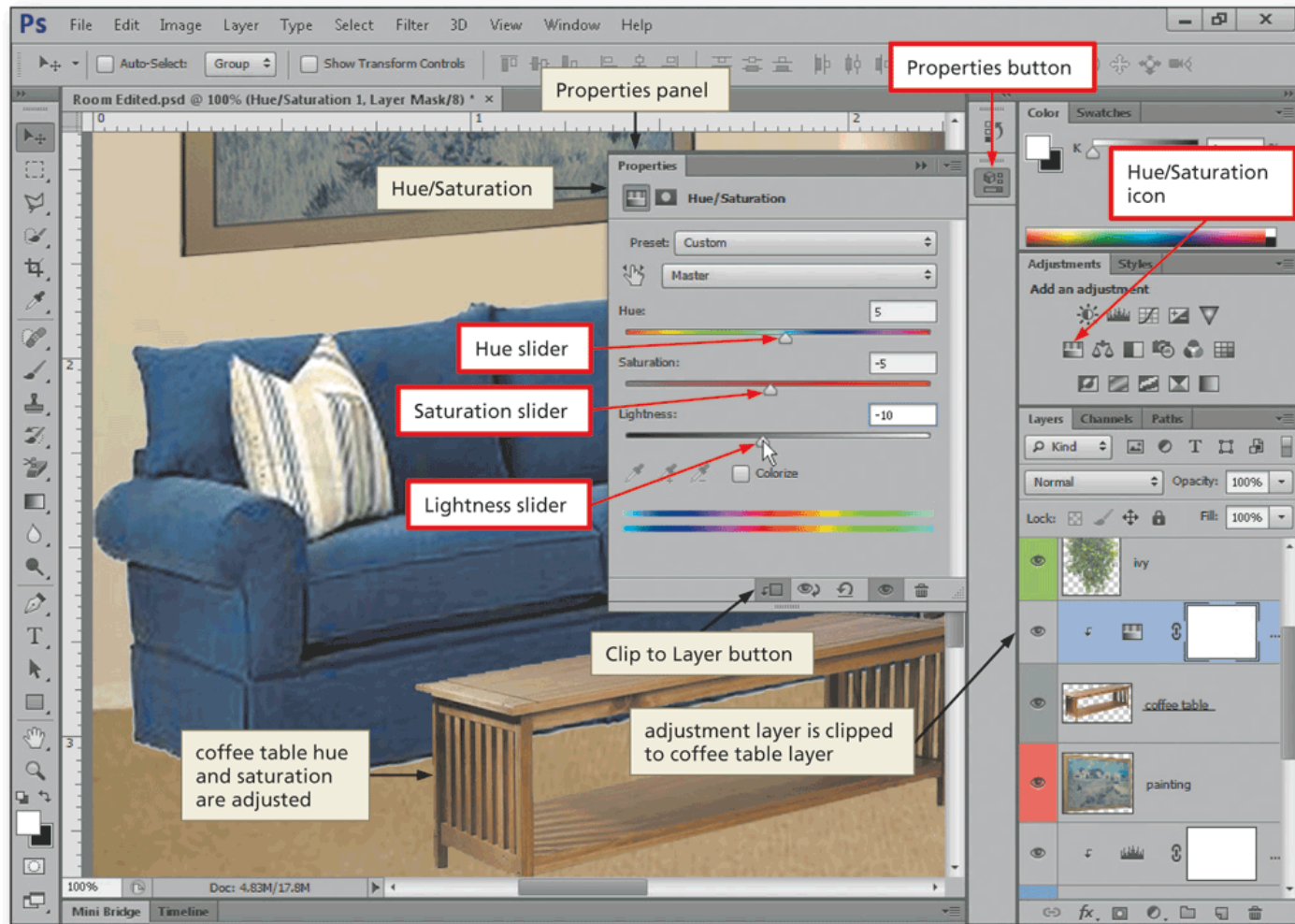
Making a Levels Adjustment



Adjusting the Hue and Saturation

- Click to display the desired layer
- Click the Hue/Saturation icon on the Adjustments panel
- Click the Clip to Layer button on the Properties panel status bar to adjust only the selected layer
- Drag the Hue, Saturation, and Lightness sliders to the desired locations
- Click the Properties button on the vertical dock to collapse the Properties panel and complete the adjustment

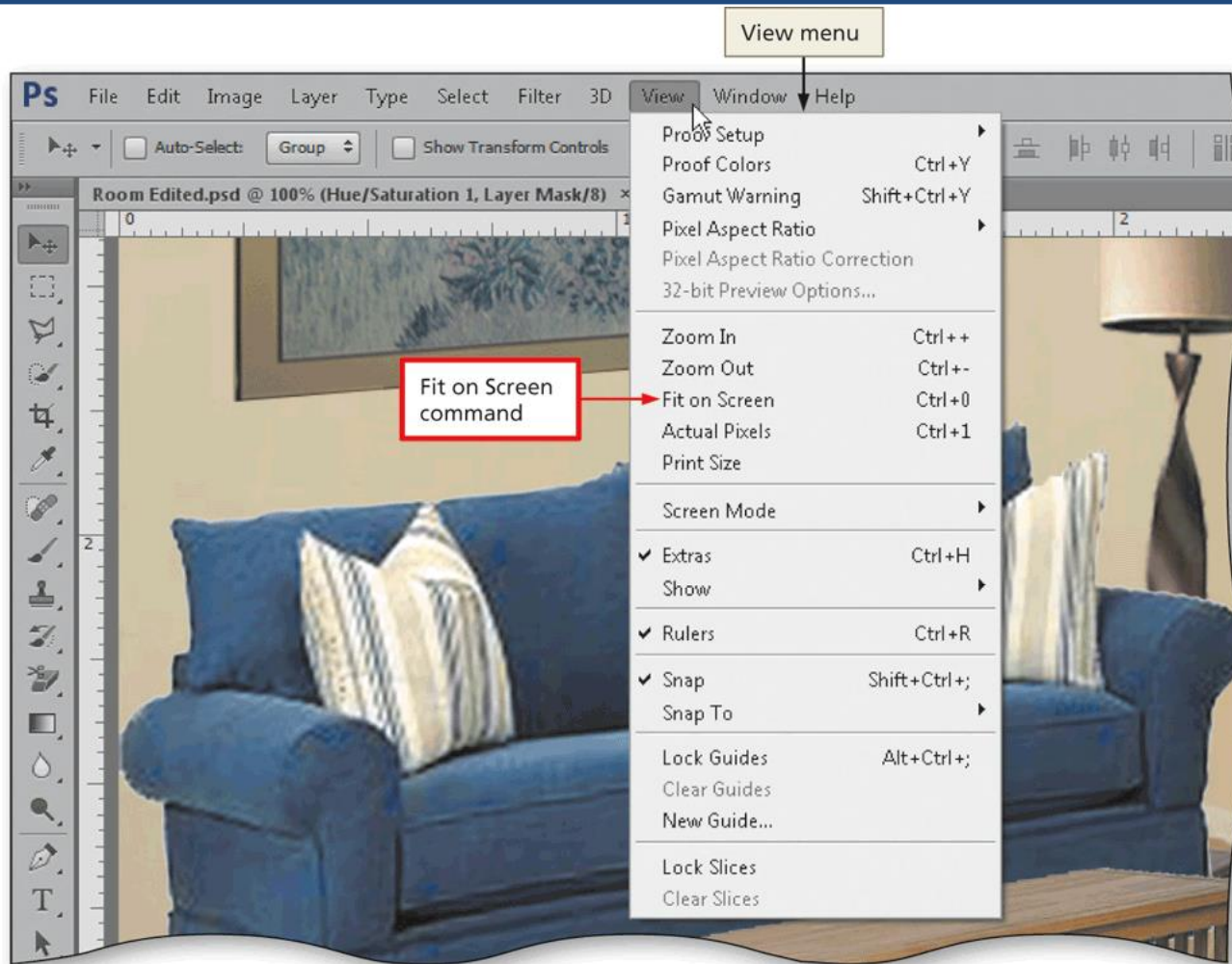
Adjusting the Hue and Saturation



Fitting the Image on Screen

- Click View on the Application bar to display the View menu
- Click Fit on Screen to display the entire photo at the largest magnification

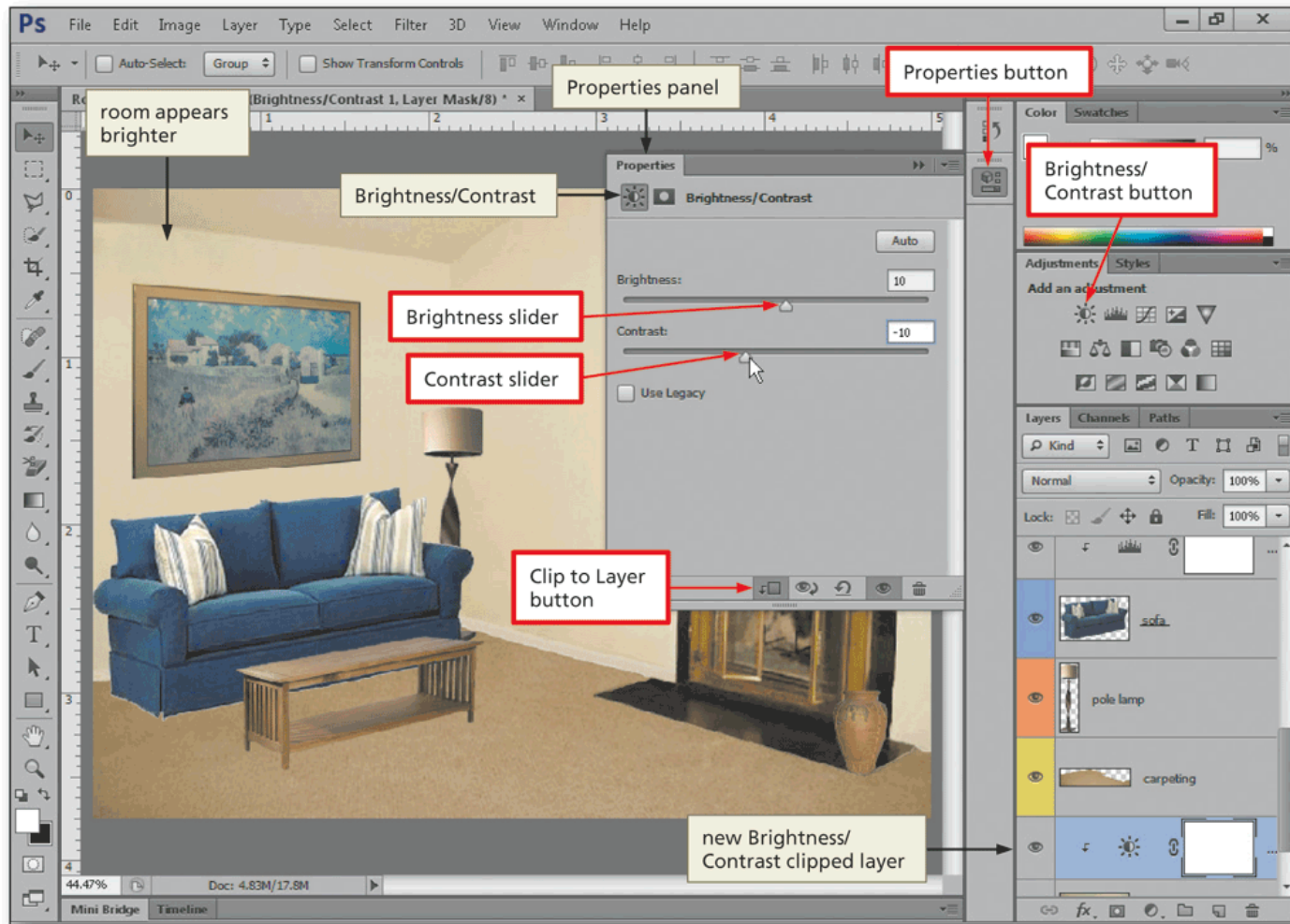
Fitting the Image on Screen



Adjusting the Brightness and Contrast

- Select the layer to adjust
- On the Layers panel, click the 'Create new fill or adjustment layer' button to display the list of adjustments
- Click Brightness/Contrast in the list to display the settings on the Properties panel
- Click the Clip to Layer button on the Properties panel status bar to adjust only the selected layer
- Drag the Brightness and Contrast sliders to the desired locations

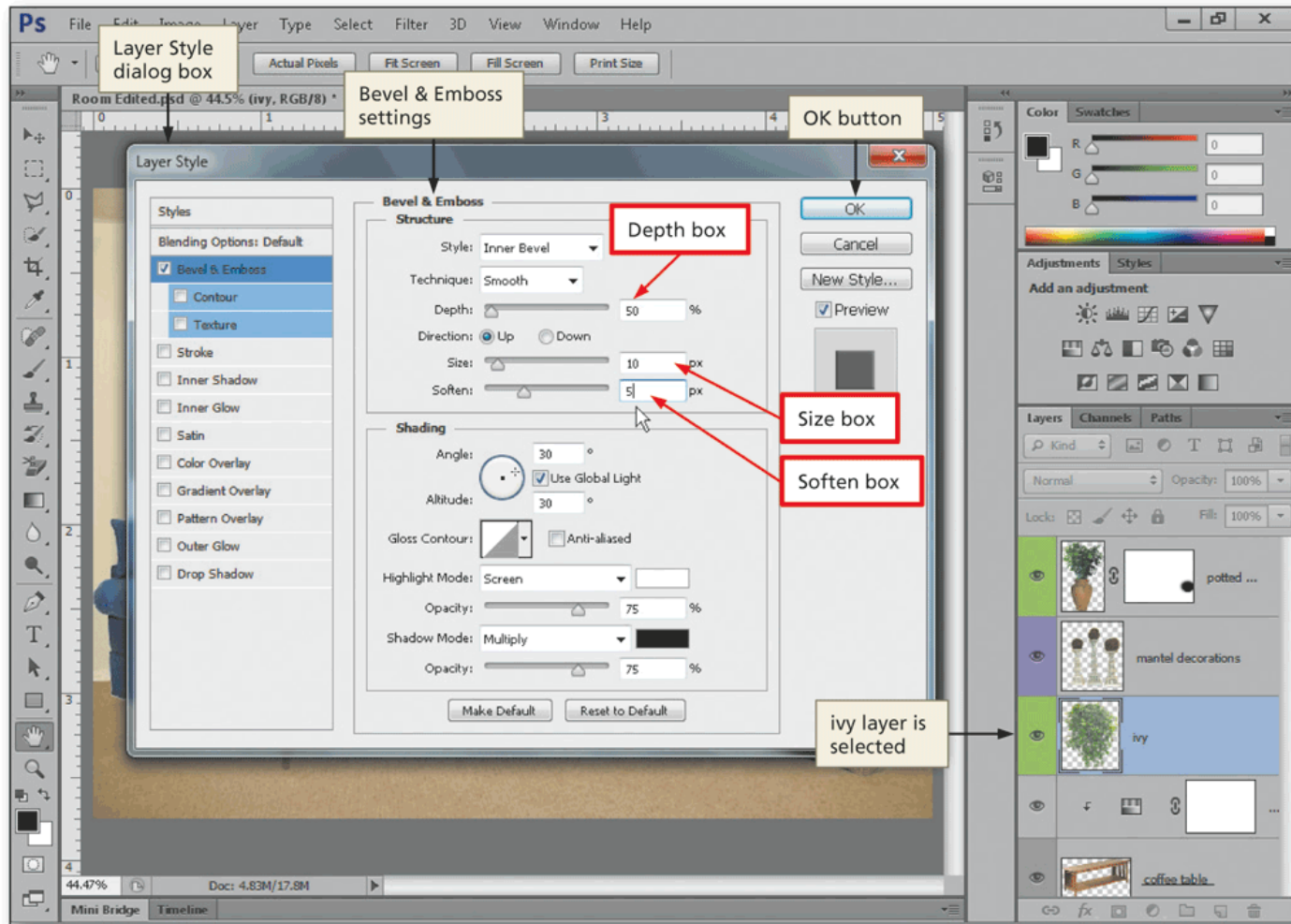
Adjusting the Brightness and Contrast



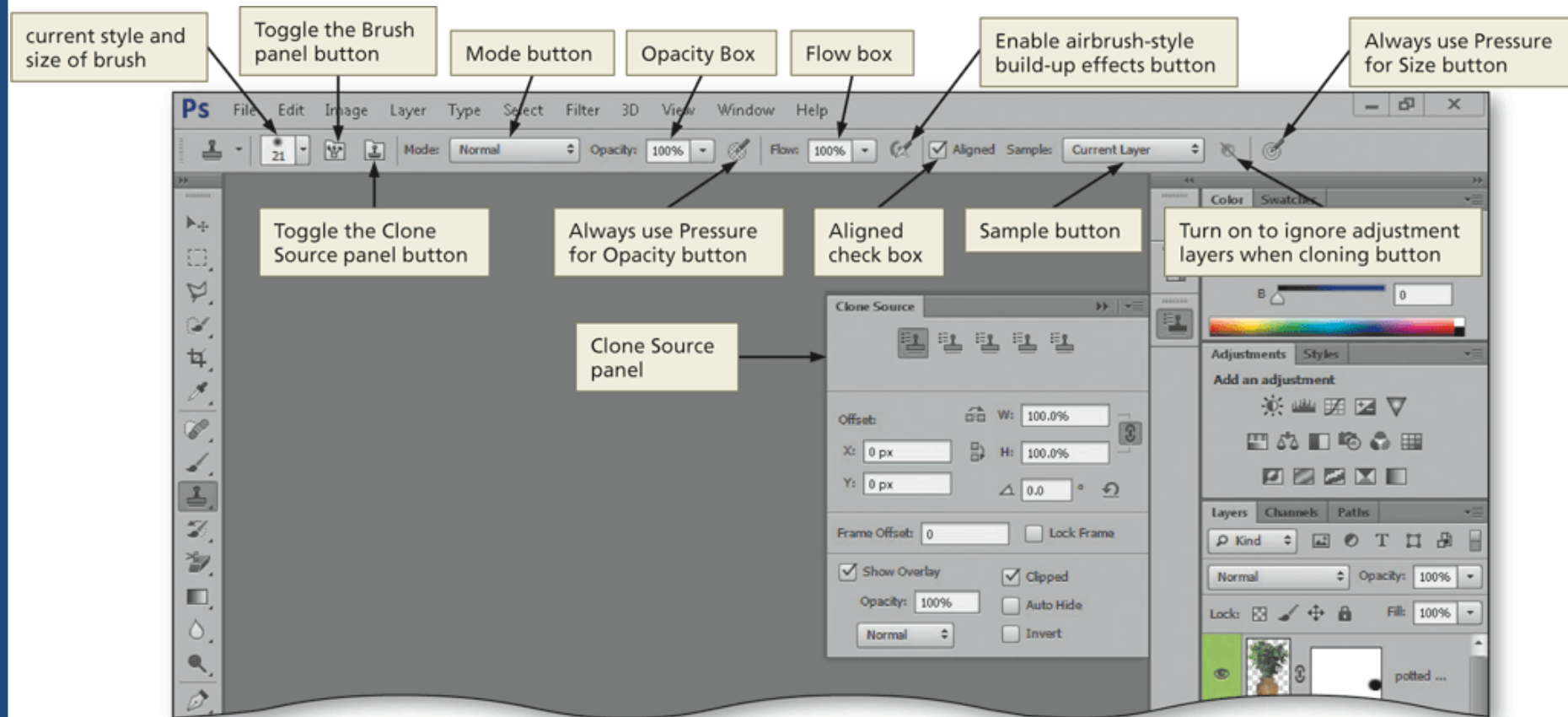
Applying a Layer Style

- Select the desired layer
- Clicking the 'Adding a layer style' button on the Layers panel status bar to display the menu
- Click the desired layer style and enter the desired settings
- Click the OK button to close the Layer Style dialog box

Applying a Layer Style



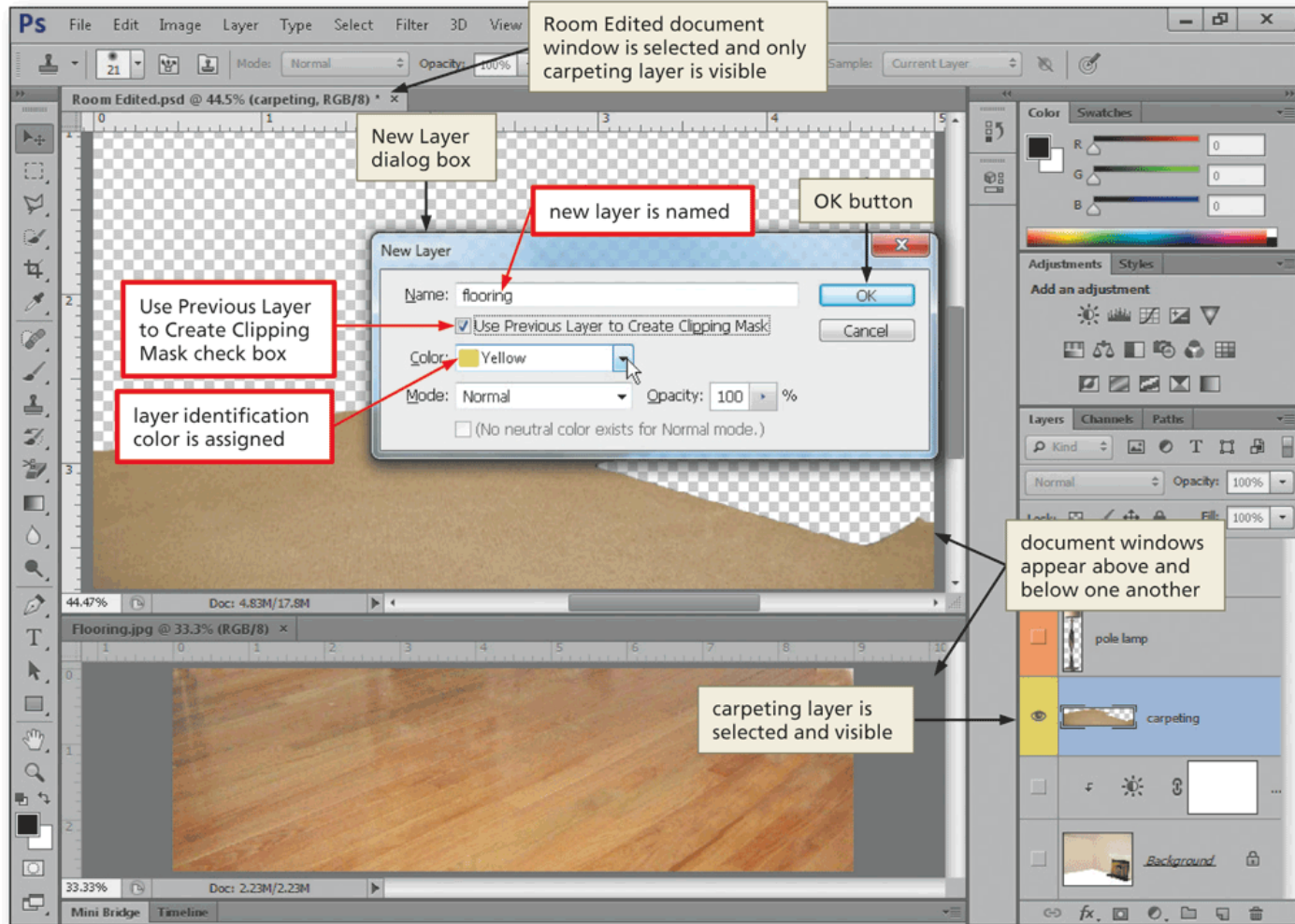
The Clone Stamp Tool



Creating a New Blank Layer

- Press SHIFT+CTRL+N to display the New Layer dialog box
- Enter the desired layer name
- Click to display a check mark in the Use Previous Layer to Create Clipping Mask check box
- Choose the desired identification color
- Click the OK button to close the New Layer dialog box

Creating a New Blank Layer



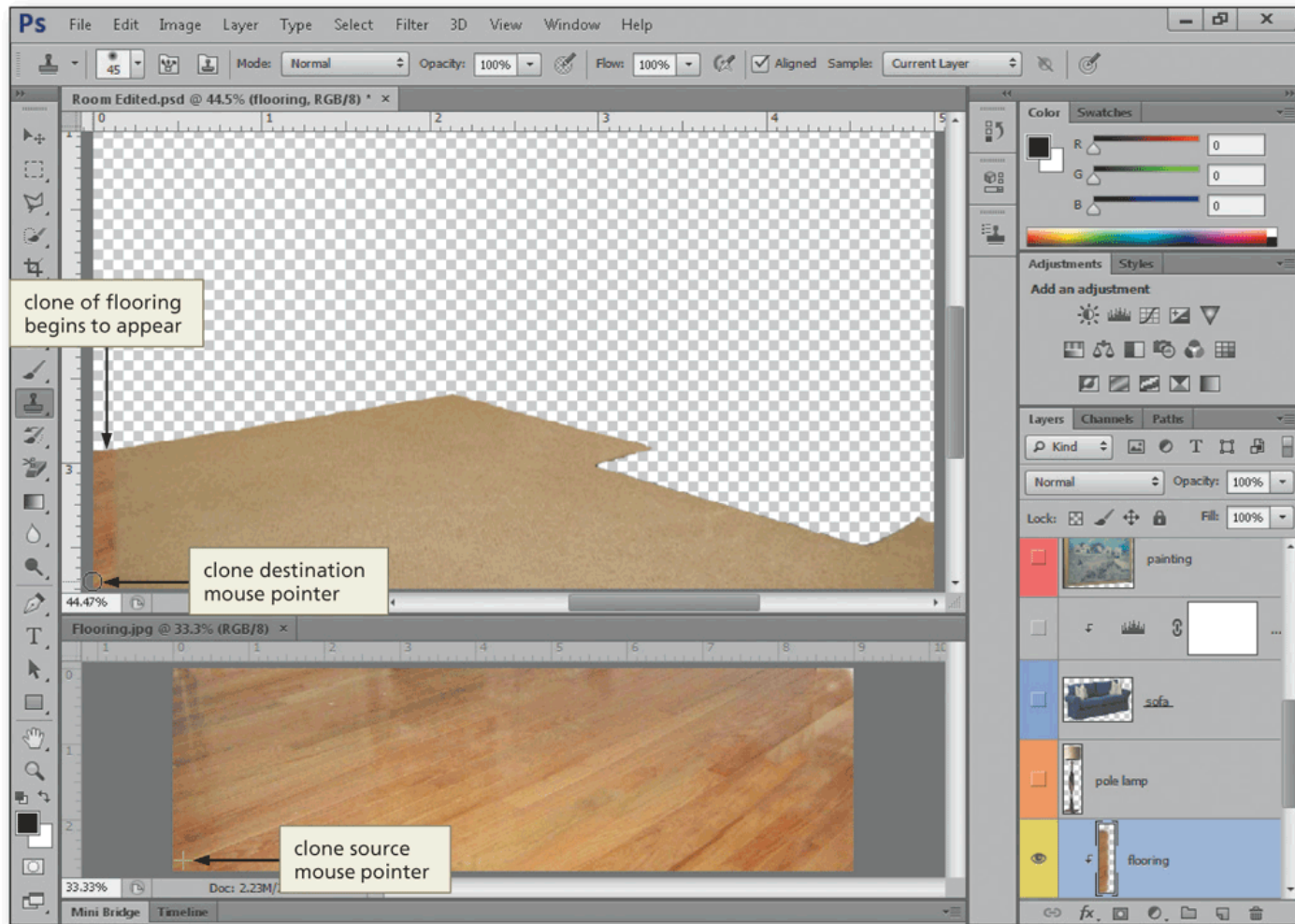
Creating a Clone

- Click Window on the Application bar, and then click Clone Source to display the Clone Source panel
- On the Clone Source panel, click the Invert box to remove its check mark, if necessary
- On the Tools panel, right-click the Clone Stamp Tool button to display its context menu
- Click Clone Stamp Tool on the context menu
- On the options bar, click the Aligned check box so it displays a check mark, if necessary

Creating a Clone

- Click the Clone Source button in the vertical docking to collapse the panel
- ALT+click the desired portion of the object you wish to clone to sample the object
- In the document window to contain the clone, drag to fill the cloned object

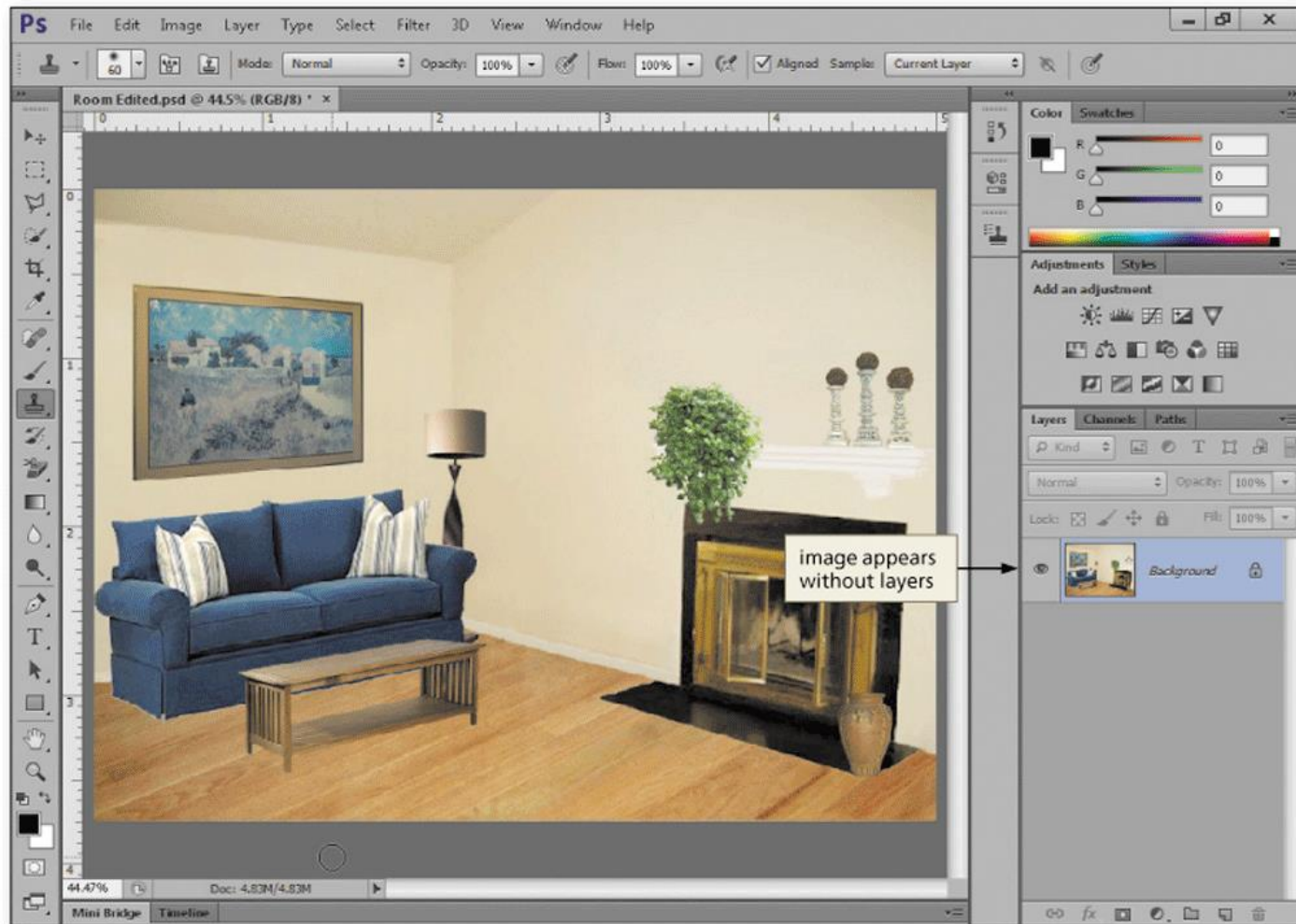
Creating a Clone



Flattening a Composite Image

- Click Layer on the Application bar to display the Layer menu
- Click Flatten Image on the Layer menu to flatten the layers

Flattening a Composite Image



Chapter Summary

- Use the Layers panel and change options
- Create a layer via cut
- Rename layers and set identification colors
- Hide, view, and rearrange layers
- Arrange and consolidate document windows
- Create a new layer from another image or selection
- Transform selections and layers

Chapter Summary

- Use the Eraser, Magic Eraser, and Background Eraser Tools
- Create layer masks
- Make level adjustments and opacity changes
- Apply adjustments using the Adjustments panel
- Create a layer style
- Use the Clone Stamp Tool
- Flatten a composite image

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Chapter 3 Complete

