



Tutorial: Retouching images

Welcome to Corel PHOTO-PAINT, a powerful tool for editing photos and creating bitmaps.

In this tutorial, you'll learn how to retouch a scanned image, to make it suitable for emailing.

This is what the image looks like before corrections:



This is what the image will look like after corrections:



What you will learn

During this tutorial, you will learn how to

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- align and crop an image
- remove red-eye from an image
- adjust image color and tone
- save to a new file format

Opening an image



You'll start by opening the sample file.

- 1 Click **File** menu ► **Open**.
- 2 From the **Files of type** list box, choose **TIF - TIFF Bitmap**.
- 3 Choose the folder **Corel Graphics 11\Tutorials\Sample files**.
- 4 Double-click the filename **redeye.tif**.

Aligning and cropping an image

The scanned image is slightly askew.

Here you'll use the **Crop** tool to align the image.

- 1 Click **View** menu ► **Fit in window**.
- 2 In the toolbox, click the **Crop** tool  .
- 3 Drag across the image to create a rectangle.
- 4 Click inside the cropping area to display the rotation handles.
- 5 In the **Crop angle** box  on the extended property bar, type **5**, and press **Enter**.



- 6 Click inside the cropping area to display the sizing handles once again.
- 7 Drag a sizing handle outward.

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Enclose as much of the image in the rectangle as possible without including any white space.

- 8 Double-click inside the rectangle to remove the area outside.

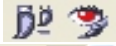

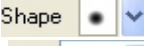
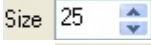
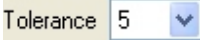
The image is aligned and cropped.

This is what the image should look like:




Removing red-eye

Now, you'll use the **Red-eye removal** tool to remove the redness from the eyes of the subject in the photo. Red-eye occurs when light from a flash reflects off the back of a person's eye.

- 1 Open the **Touch-up** flyout , and click the **Red-eye removal** tool .
- 2 From the **Shape** picker  on the property bar, choose the third brush in the top row.
- 3 Type **25** in the **Size** box .
- 4 Type **5** in the **Tolerance** box .
- 5 Click the woman's left eye twice.
From your view, the woman's left eye is the eye on the right side of the image.
- 6 Type **15** in the **Size** box.
- 7 Click the woman's right eye twice.

From your view, the woman's right eye is the eye on the left side of the image.



Note: To take a closer look at the image, choose the **Zoom** tool  from the **Zoom** flyout



in the toolbox. Click the object to zoom in. Right-click (Windows) the object or **Control** + click (Mac OS) the object to zoom out.

This is what the image should look like:



Adjusting image color and tone

Corel PHOTO-PAINT provides you with filters and tools to make adjustments to the color and tone of images.

In the following procedures, you will adjust the image's color and tone by using the **Color balance** and **Auto equalize** filters. The **Color balance** filter lets you adjust the color balance of an image by shifting the colors between complementary pairs of the primary RGB color values and secondary CMY color values. The **Auto equalize** filter performs a flat equalization of the shadows, midtones, and highlights in an image by automatically redistributing the significant pixel values throughout the tonal range.

- 1 Click **Image** menu ▶ **Adjust** ▶ **Color balance**.
- 2 In the **Color balance** dialog box, move the **Magenta -- Green** slider to **-25**.
- 3 Click **OK**.
- 4 Click **Image** menu ▶ **Adjust** ▶ **Auto equalize**.

This is what the image should look like:



Saving to a new file format

Corel PHOTO-PAINT offers a wide variety of file formats. The sample image is a scanned photo saved as a TIFF file. If you want to email an image, you probably want to change the file format in order to reduce the file size.

You'll save the sample image in the JPEG format.

- 1 Click **File** menu ► **Save as**.
- 2 From the **Files of type** list box, choose **JPG - JPEG bitmaps**.
- 3 Click **Save**.
- 4 In the **JPEG export** dialog box, drag inside the preview window to view other parts of the image.
- 5 Move the **Compression** slider to change the file size, which is displayed in the bottom-right corner.
A higher compression number results in a smaller file size but decreases image quality.
- 6 Set any other options you want.
- 7 Click **OK**.

From here ...

In this tutorial, you have learned how to retouch a scanned photo, to make it suitable for emailing.

For more information about the topics and tools discussed in this tutorial, refer to the online Help.

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