



Intermediate Graphics

In Serif PhotoPlus X4

Image Adjust

By the end of this task I...

- 1) will understand the terms hue, contrast and saturation
- 2) will understand the basics of how to adjust an image
- 3) will be able to use three of the Adjust menu options.

| | |
|-----------------------------|--------------|
| Auto Levels | |
| Auto Contrast | |
| Levels... | Ctrl+Shift+E |
| Curves... | Ctrl+Shift+U |
| Colour Balance... | Ctrl+Shift+B |
| Brightness/Contrast... | |
| Shadow/Highlight/Midtone... | |
| Hue/Saturation/Lightness... | Ctrl+Shift+H |
| Replace Colour... | |
| Selective Colour... | |
| Channel Mixer... | |
| Gradient Map... | |
| Lens Filter... | |
| Black and White Film... | |
| Threshold... | |
| Equalize | |
| Negative Image | |
| Posterize... | |

The Adjust Menu

Good photographers look for interesting scenes, the best angle to take the photo and can use their camera settings to get the best shot.

However, even the best photographers can't control sunlight or the weather. All photo editing programs have options that allow users to adjust the colours, brightness and contrast to create better photos.

In PhotoPlus these options are found in the *Adjust* menu.

You will be using three of the Adjust options:

- Brightness/Contrast
- Hue/Saturation/Lightness
- Equalize

Equalize - Makes dark areas lighter



Black/White - Removes all colour



Original Photo - Taken on a cloudy day

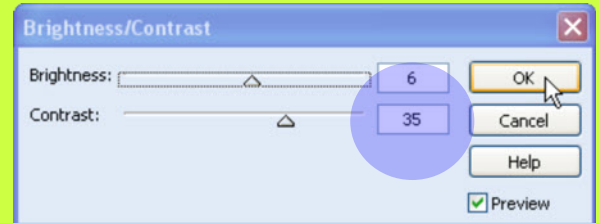


Saturation - Makes colours bolder



Brightness & Contrast

- Step 1** Start up Serif PhotoPlus.
Open the file called 'French Chateau' from the Image Adjust folder.
- Step 2** Click on the Image menu and select Adjust followed by Brightness/Contrast.
- Step 3** Experiment with the two sliders to see the effect of each before selecting the brightness and contrast shown.
- Step 4** You don't need to save this photo. Use *Undo* and *Redo* in the Edit menu to look at the change in the photo.



Equalize



light areas and dark areas are evened out



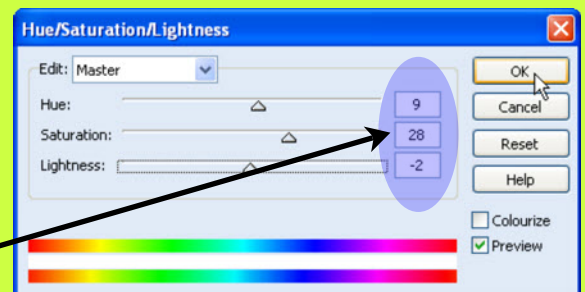
- Step 1** Open the file called 'Swimming Pool' in the Image Adjust folder.
- Step 2** Click on the Image menu and select Adjust followed by Equalize.

Hue/Saturation/Lightness

- Step 1** Open the file called 'French Beach' from the Image Adjust folder.
- Step 2** From the Image menu select Adjust followed by Hue/Saturation/Lightness.

- *Hue* - Changes the colour tone of the photo
- *Saturation* - changes the intensity of the colour
- *Lightness* - changes the brightness of the photo

Set the three values as shown.



Hue(9) gives a slightly greener look, Saturation (28) makes the landscape colours more intense and Lightness (-2) very slightly darkens the photo.

Try - Now that you've seen how photos can be improved using adjustments, your task is to edit four other photos ('Adjust 1', '2', '3' & '4' from the Image Adjust folder). Once edited, export each photo as a JPEG file. Finally create a new slide show and insert each of the four saved JPEG files. Add some text describing how you improved each photo.