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Howto: Linux convert an image between different formats from command prompt

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Q. How do I convert images from a shell prompt? For example convert an image in the JPEG format to PNG or vice versa?

A. You need to use the convert command which is a member of the ImageMagick suite of tools. Use it to convert between image formats as well as

- => Resize an image
- => Blur an image
- => Crop an image
- => Despeckle an image
- => Dither an image
- => Draw on an image
- => Flip an image
- => Join an image
- => Re-sample, and much more.



[1]

Task: Convert an image in the JPEG format to PNG

Type the command as follows:

```
$ convert input.jpg output.png
```

Task: Resize the image

Resize and convert an image in the JPEG format to PNG

```
$ convert -resize 50% input.jpg output.png
```

You can also create a complex effect such as:

```
$ convert -size 360x85 xc:transparent -font Bookman-DemiItalic -pointsize 72 -draw "text 25,60 'nixCraft'" -channel RGBA -gaussian 0x6 -fill YellowGreen -stroke RosyBrown -draw "text 20,55 'nixCraft'" nixCraft.png
```

Output:

The word 'nixCraft' in a stylized, green, 3D font with a shadow effect.

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