

Image Editing and Manipulation with Imagemagick

Cheat Sheet

Imagemagick is a command-line image editing program that ships pre-installed with many standard UNIX-like OS's. The lack of manual GUI manipulation greatly aids in maintaining a reproducible workflow.



Change filetype

```
$ convert im-border.tif  
im-border.png
```



Trim + Border

```
$ convert  
im-border.png -trim  
im.png  
$ convert img.png  
-bordercolor red  
-border 5x5  
im-red.png
```



Crop

```
$ convert im.png -gravity  
East -crop 50x100%+0+0  
im-crop.png
```



Montage

```
$ montage im.png  
im-sepia.png -geometry  
+2+2 -tile 2x  
im-montage.png
```

Animated gifs

```
$ convert -delay 10 im.png im-sepia.png im-animate.gif  
$ convert -delay 10 -morph 10 im.png im-sepia.png im-animate.gif
```

