ImageMagick Commands

Adding Coloured Background

The script below will output an image with a frame 20% larger than its width and height.

```
magick $img —background white —gravity center —extent 120%x120% output—$img.png
```

Alternatively, to add an *even* "frame" (background) use the code below. In this example, we're adding a frame of 60px evenly around the image:

```
magick $img —background $color —gravity center —extent "%[fx:w+60]x%[fx:h+60]" output—$img.png
```

Rounding Corners – Geometrically

```
magick $img \ \( —size "$(magick identify —format %wx%h" "$img")" xc:none —fill white \ —draw "roundrectangle 0,0 %[fx:w]x%[fx:h] $radius, $radius" \) \ —alpha set —compose DstIn —composite "$output"
```

Blurring an Image

Please note, if you want a **blurred** rounded image, you should **blur first** and round second.

```
magick $img —gravity center —blur 0x[blur amount] output.png
```

Crop Image Into Circle

Note, this method doesn't automatically detect the smallest side of the image and use that to crop the image.

- **For square images:** `magick $img —alpha set —background none —vignette 0x0 rounded—$img.png`
- **For non-square images:** `magick $img —gravity center —crop 1:1 —alpha set —backgorund none —vignette 0x0 round—$img.png`
  Here's how to extend the backgronud of the image, in case you want the crop to be a little wider. Note this only works for image with a solid color background:
  ```
  magick input.jpg —background orange —gravity center —extent 150%x150% output.png
  ```