

RGB565 Android splash screen format

#1  [ejohnson0547](#)

Posted 03 November 2009 - 11:00 PM

This plugin will read and write to the RGB565 or RAW565 format. This format is used by the Android platform for the initial boot screen of the device.

It will also allow you to open a BMP, PNG, JPG or other image, then save it as a RGB565 file.


RGB565 is simply the raw pixel data of a bitmap file. It does not contain any header information and does not contain the dimensions of the image. The only thing that is known is the total number of pixels. When opening a .rgb565 file, the user must specify the height and width of the image.

Most of the Android devices today have a 320 x 480 screen. So the rgb565 file for that device will have 153600 pixels. The size of the file in bytes will be twice the number of pixels or 307200 bytes.

I have defaulted the height and width to these values when opening a file.

When saving a file, your image must already be set to the dimensions you want. (i.e. 320 x 480)

Here is the plugin:

 [Rgb565.zip](#) (4.78K)

Number of downloads: 1881

To install this plugin, simply copy the RGB565.dll file to the folder: "C:\Program Files\Paint.Net\FileTypes"
or wherever you have Paint.Net installed.

Enjoy!

:D