

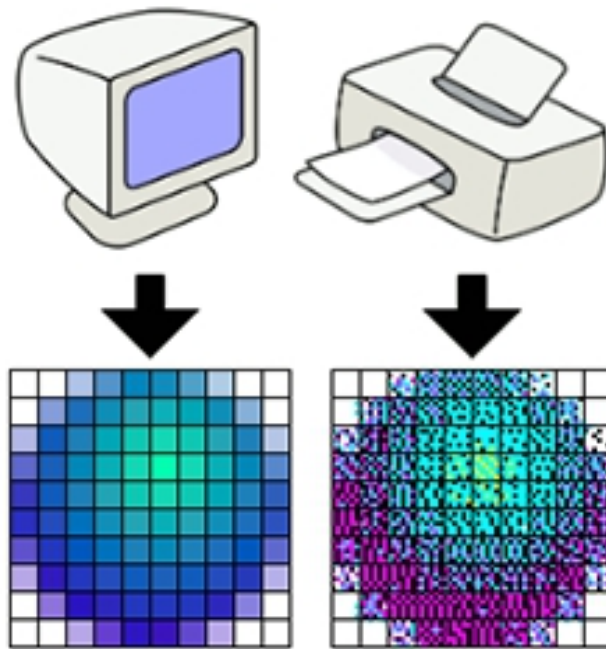
Pixels, Dots, Blobs & Your Images

PPI = Pixels Per Inch
Monitors

DPI = Dots Per Inch
Printers

They are NOT the same thing

Pixels, Dots, Blobs & Your Images



PPI

DPI



Pixels, Dots, Blobs & Your Images

- How many pixels does your Image contain?

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Projection Requirements

- 1920 x 1080 needed for SPS club projection.
- You will need to resize your image
- Colourspace for SPS Projector = sRGB
- 8bit depth - changes automatically for jpeg

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Portrait in 16:9 ratio image?

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Printing requirements

- Colourspace home or professional printer
- A3 Photo Quality needs max. 4800 x 3300
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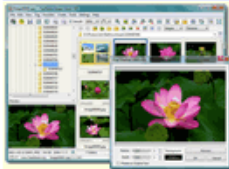
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Faststone (Windows only)

Faststone.org free software to edit & resize images.

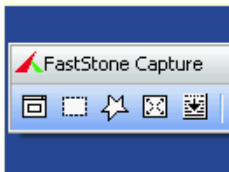
All products work on XP, Vista, Windows 7, Windows 8.x and Windows 10

Products



FastStone Image Viewer 5.9 Freeware (Last Update: 2016-09-12)

An [image browser](#), [converter](#) and [editor](#) that supports all major graphic formats including BMP, JPEG, JPEG 2000, GIF, PNG, PCX, TIFF, WMF, ICO, TGA and camera raw files. It has a nice array of features such as image viewing, management, comparison, red-eye removal, emailing, resizing, cropping, color adjustments, musical slideshow and much more.

[read more](#)[download](#)

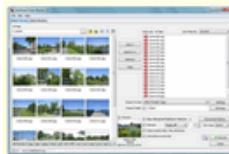
FastStone Capture 8.4 Shareware (Last Update: 2016-01-14)

A powerful, lightweight, yet full-featured [screen capture tool](#) that allows you to easily capture and annotate anything on the screen including windows, objects, menus, full screen, rectangular/freehand regions and even scrolling windows/web pages. It also allows you to [record screen activities](#) and [sound](#) into video files.

[read more](#)[download](#)

FastStone MaxView 3.0 Shareware (Last Update: 2016-07-08)

A fast, compact and innovative [image viewer](#) that supports all major graphic formats. Its intuitive layout lets you view images in a variety of ways. It even lets you view images in password-protected [ZIP](#), [RAR](#) and [7-Zip](#) archive files directly and instantly, which is a perfect solution for viewing private images. It is a handy tool for quickly viewing, rotating, resizing, cropping, annotating and printing images.

[read more](#)[download](#)

FastStone Photo Resizer 3.6 Freeware (Last Update: 2016-06-15)

An image [converter](#) and [renaming tool](#) that intends to enable users to convert, rename, resize, crop, rotate, change color depth, add text and watermarks to images in a quick and easy [batch mode](#).

[read more](#)[download](#)

Pixels, Dots, Blobs & Your Images

DS Colourlabs

http://dscolourlabs.co.uk/about/Technical_Support

Shows Colour profiles needed for various papers

Pixels, Dots, Blobs & Your Images

Calibration / Colour Profiles

Why is it so important to use colour management?:



DSCL Technical Paper



Fuji 570 DPII Pro Lustre Paper



Fuji 570 C/A Glossy Paper



Fujicolor C/A Professional Velvet Paper



Fujicolor C/A Digital Pearl Metallic Paper



Kodak Professional Endura Metallic Paper

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Assuming you have not lost the will to live.....

Printing to your home based printer.

Similar as for external printers but...

Obviously send to printer not Jpeg file

Use ICC Profile for your printer / paper combination

Always use Perceptual Intent if offered

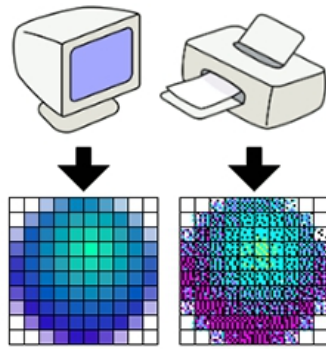
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More the merrier. Allows you to crop & recompose your image.

Gives flexibility on whether you print or project an image or both.

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ADOBE

Select crop tool – Pull down “16x 9 in” - crop as desired – Hit √

Select Image = Resize = Image Size = change inches to pixels = change width to 1920 and Height to 1080

Select Crop tool – Pull down “No Restriction” = type in “1080px” for H

Crop as desired = Create new layer = place it below picture layer

Select Image = Resize = Canvas Size = change inches to pixels = change just width to 1920

With empty layer selected Edit – Fill Layer – Select black

Colourspace & 8Bit controlled under Image = Mode & convert colour profile

LIGHTROOM

Select Crop Tool in DEVELOP MODULE = Select image and create virtual copy = unlock proportion = crop as desired = GoTo PRINT MODULE = User Template 16:9=1920x1080. EXPLAIN Layout set to Points,

Print to JPEG File hence set to 8bit automatically.

Colour profile set to sRGB

And all other settings.

Print To File button = Select location.

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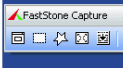

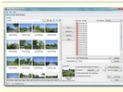
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Freestone

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Kodak Professional Endura Metallic Paper

Double click on the paper profile you want.

Move the file onto your desktop

If you can right click and hit install – this copies it to the correct folder.

If not move it to

Windows - //Windows/System32/Spool/Drivers/Colour

MAC - Macintosh HD/Library/Coloursync/Profiles

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ADOBE

Image – Resize - Image size

Set resolution to 300 Pixels/Inch

Check document size is within paper size.

Check colour profile

**File – Print – More Options – Colour Management
– Printer Profile = use pull down and select DS
profile & Rendering Intent = Perceptual.**

LIGHTROOM go PRINT MODULE to Jpeg File

Select “Maximum Size” template.

“Page setup...” A4 or A3 & Orientation

“Cell Size” adjust so image is OK

300 “PPI”

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