Photography
and Open Source Software

What photographers want?
(from their software)

- non-destructive editing

- a large set of different tools they like

- …

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- "make-it-perfect" button)))

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Photographer's "standard" software toolkit

- **Adobe Photoshop**: heavy all-in-one tool for any task

- **Adobe Lightroom**: batch raw image processor with simple interface, optimized for quick processing of large image collections (weddings etc.)

Open Source Alternatives

Heavy all-in-one image processor: GIMP

Batch raw image processor: Darktable

Other batch raw image processors:
UFRaw, Rawstudio, RawTherapee

Other image processors (image management and basic enhancement):
digiKam, Shotwell

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General algorithm
of image enhancement

1) distractions elimination

2) contrast enhancement

3) color enhancement

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Eliminating distractions

The image should tell a single story

- level horizon

- crop to the primary object of interest

- adjust color temperature

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Contrast enhancement

Adjust global brightness

and probably

set an accents locally

Color enhancement

Final touch

- color saturation

- color grading

Adjust Color Curves

2025-04-20_13-27-58_0037.jpg-2 ([2025-04-20_13-27-58_003...

Presets:

Channel: ☐ Value ▾ Reset Channel ☐ ◪ ◪ ⬕ ⬕

converted image intensity

original image intensity

▸ Blending Options

● **Preview** ○ Merge filter ○ Split view

Help Reset Cancel OK

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