

Line Shading

See also [Raster 2 Laser GCode](#)

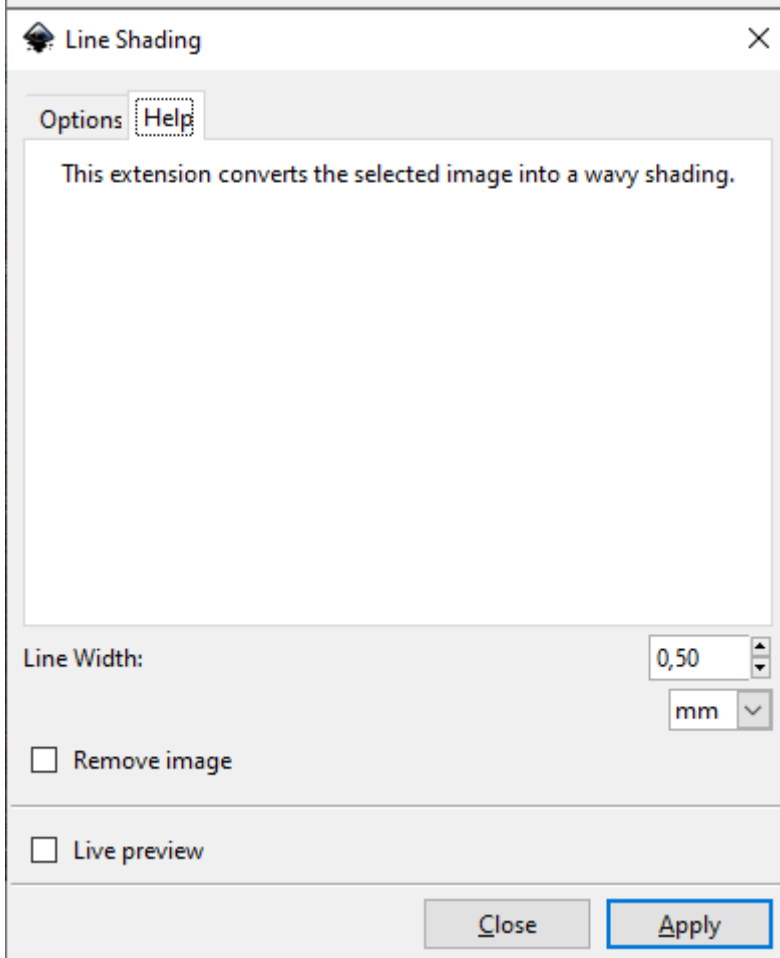
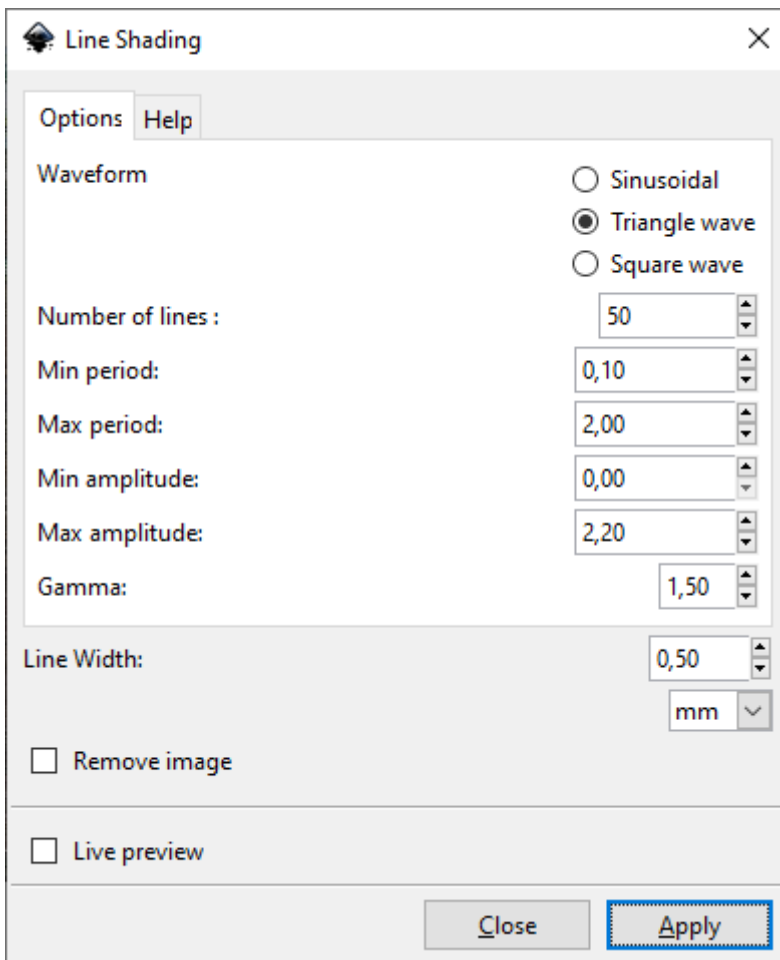
The Endurance Line Shading extension enables to convert a raster image into waves. This extension can be used to get an art effect that goes perfectly with laser engraving. The image is divided into a certain number of lines. The pixel brightness in every line modulates the frequency and amplitude of the basic wave.

Options

1. Waveform
 1. three basic waveforms are available: sinusoidal, triangle (saw-shaped), square (meander)
2. Number of lines
3. Min period:
 1. of the wave (maximal frequency corresponds to the black color)
4. Max perio:
 1. of the wave (minimal frequency corresponds to the white color)
 2. If you set the same values for the max. and min. periods only the amplitude modulation will be used. The waves period at that will correspond to the given one. If you make the minimal period bigger than the maximal one, the colors in the picture will get inverted
5. Min amplitude:
 1. of the wave (corresponds to the white color)
6. Max amplitude:
 1. of the wave (corresponds to the black color)
If you set the same values for the max. and min. amplitudes only the frequency modulation will be used. The wave's amplitude at that will correspond to the given one. If you make the minimal amplitude bigger than the maximal one, the colors in the picture will get inverted
7. Gamma:
 1. gamma correction coefficient. The parameter increment makes middle tones of the picture darker; the parameter decrement makes them lighter. The brightness of the middle tones corresponds to the initial at 2,2 value of this parameter.
Line width
8. Remove image

https://www.youtube.com/embed/uqGsX6ceRQI?feature=emb_logo







Version #2

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