

PxrInvert

Inverts one or more components of the incoming color. The input color can be in the in the RGB, HSL, or HSV color models. Note: The output is a RGB color clamped to the $[0 \ 0 \ 0]$ to $[1 \ 1 \ 1]$ range.

Input Parameters

Input Color

The color that you would like to invert.

Color Model

The inputColor uses this color model.

- 0: RGB
- 1: HSL
- 2: HSV

Invert Channel 0

When enabled (set to 1) the first color channel is inverted. For example, if the color model is set to RGB, then the R channel will be inverted.

Invert Channel 1

When enabled (set to 1) the second color channel is inverted. For example, if the color model is set to RGB, then the G channel will be inverted.

Invert Channel 2

When enabled (set to 1) the third color channel is inverted. For example, if the color model is set to RGB, then the B channel will be inverted.

Output Parameters

resultRGB

The clamped color result.

resultR

The R channel from the resultRGB output.

resultG

The G channel from the resultRGB output.

resultB

The B channel from the resultRGB output.