PxrThinFilm

Computes a thin-film interference effect on six spectral bands.

Input Parameters

Input Color

The color that will be perturbed by the interference effect.

Eta

The index of refraction of the thin film. We assume the exterior medium is air.

Spread

The index of refraction's amount of variation across the color spectrum.

Thickness

The thickness of the thin film in nanometers.

Thickness Scale

Connect a pattern here to modulate the thickness. This will multiply the *thickness* value.

Front Only

Compute only interference on front-facing points. By default, both sides are computed.

Output Parameters

resultRGB

The 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.