

BCC Film Grain Filter

Film Grain creates an auto-animated noise effect designed to simulate the appearance of grain particles in the emulsion of movie or photo film.

When the **Monochromatic** checkbox is selected, the **Red Amount**, **Green Amount**, and **Blue Amount** settings add luma noise to each color channel, creating a grayscale grain effect. When this checkbox is deselected, the Amount settings add colored noise to each color channel.



Monochrome on

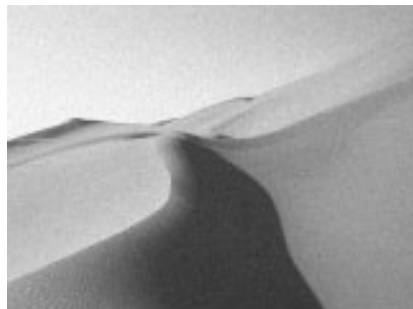


Monochrome off

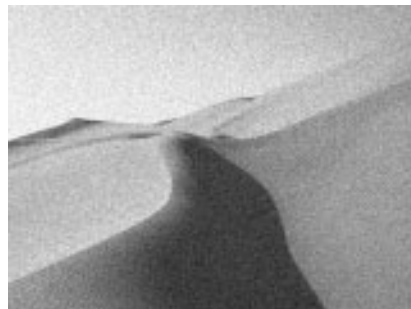


For the most realistic film grain effects, select Monochromatic for grayscale images, and deselect this option when working with color footage.

Red Amount, **Green Amount**, and **Blue Amount** adjust the amount of grain added to each respective color channel.



Red Amount=50



Red Amount=100

Red Grain Size, **Green Grain Size**, and **Blue Grain Size** set the size of the grains in each respective color channel.

The **Blur Quality** menu controls the quality of the post blur applied to the grain in all three channels. **Pyramid** is the fastest option and is generally adequate. It produces a blur similar in quality to the Pyramid Blur filter. **Pyramid Smoother** produces a better quality pyramid blur and increases rendering times slightly. The remaining choices, **Gaussian Low**,

Gaussian Medium, *Gaussian High*, *Gaussian Higher*, and *Gaussian Highest* produce gaussian blurs of increasing quality. These options increase rendering times proportionately.

Random Seed determines which value is input to the random number generator used by the filter. Adjust this value when you like the overall effect but want to adjust the random configuration of the grain pattern.

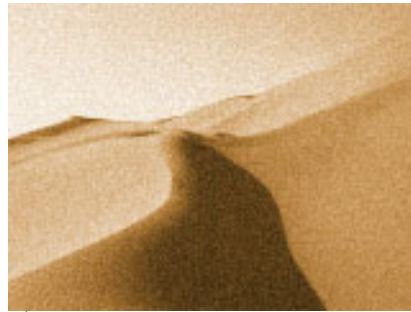
Select the **Auto Animate checkbox** to create an animated effect in which the configuration of the grain pattern changes throughout the duration of the effect. Deselect this option to manually animate the effect, or to create a static effect.

Select the **Film Tint On checkbox** to use the chosen **Film Tint Color** to tint the image.

Tint Amount adjusts the amount of the Film Tint Color that is applied to the image. At a value of 0, the Film Tint Color has no affect. At a Tint Amount value of 100, the image is fully tinted with the selected color. Intermediate values produce a partially tinted image.



Tint Amount=25



Tint Amount=100

The PixelChooser Parameter Group

The PixelChooser is included in many Boris filters and provides several methods to selectively filter an image.



For more information on the PixelChooser, see Chapter 10, “The PixelChooser” in the User Guide, or open the help file for the standalone PixelChooser filter.