

BCC Mosaic Filter

Mosaic allows you to pixelate images to achieve a range of mosaic effects using a few simple parameters and a PixelChooser.



Source image



Filtered image

The Lock Pixelation checkbox locks the Pixelate Y value to the Pixelate X setting. When this option is selected, adjusting Pixelate Y has no effect. Deselect this option to adjust the Pixelate X and Y values independently.

Pixelate X and **Pixelate Y** set the amount of pixelation along the horizontal and vertical axis, respectively. Increasing these values reduces the number of pixels used to create the image.

When the Pixelate X and Y values are the same, the pixels forming the image have the same aspect ratio as the filtered media.



Pixelate X & Pixelate Y=0

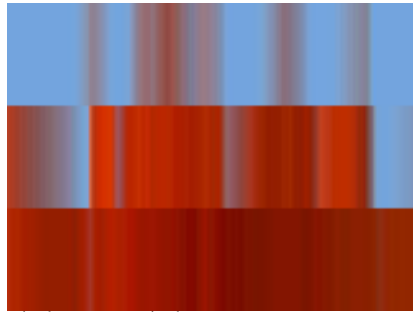


Pixelate X & Pixelate Y=50

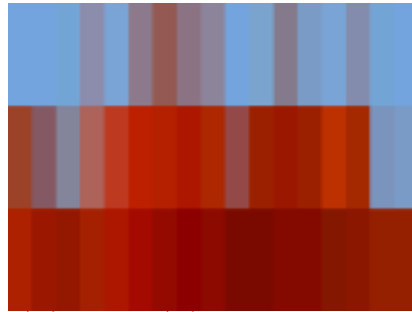


Pixelate X & Pixelate Y=100

Adjusting the Pixelate X and Y values independently distorts the pixels.

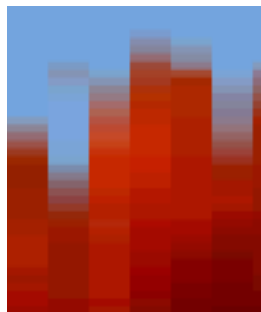


Pixelate X=0, Pixelate Y=100

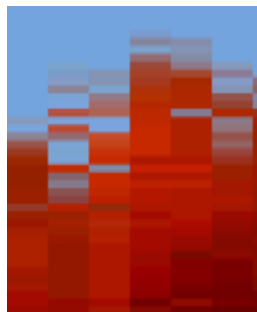


Pixelate X=50, Pixelate Y=100

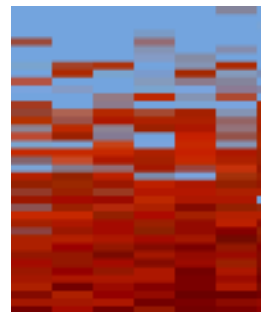
Scramble shuffles the pixels in the image. As Scramble increases, the arrangement of pixels becomes increasingly random.



Scramble=0



Scramble=10



Scramble=50

Scramble Seed determines which value is input to the random number generator used to scramble the pixels. Adjust this value when you like the overall effect but want to adjust the random configuration of the pixels.

The **Apply Mode menu** controls how the filtered image is composited with the source image.



For descriptions of all the possible Apply Modes, see Appendix A in the User Guide.

Apply Mix controls the mix of the specified Apply Mode with the *Normal* apply mode. If the Apply Mode is Normal, Apply Mix has no affect and the parameter does not appear. If Apply Mix is 0, Apply Mode has no affect. Increase Apply Mix to blend the Apply Mode setting with the Normal apply mode.

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.