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lio Manual 3.8.0 Topics >

Qt Design Studio Manual > <u>3D Effects</u>

3D Effects

Qt Design Studio provides a set of 3D effects, which are visible in the 2D view. To apply a visual effect to a scene, drag-and-drop an effect from **Components** > **Qt Quick 3D** > **Qt Quick 3D** Effects to a **SceneEnvironment** component in Navigator.

You can use the Effect component available in **Components** > **Qt Quick 3D** > **Qt Quick 3D** as the base component for creating custom post-processing effects. For more information, see Custom Effects and Materials and Custom Shaders.

Note: In Qt 5, the Effect component is located in Qt Quick 3D Effects > Qt Quick 3D Custom Shader Utilities.

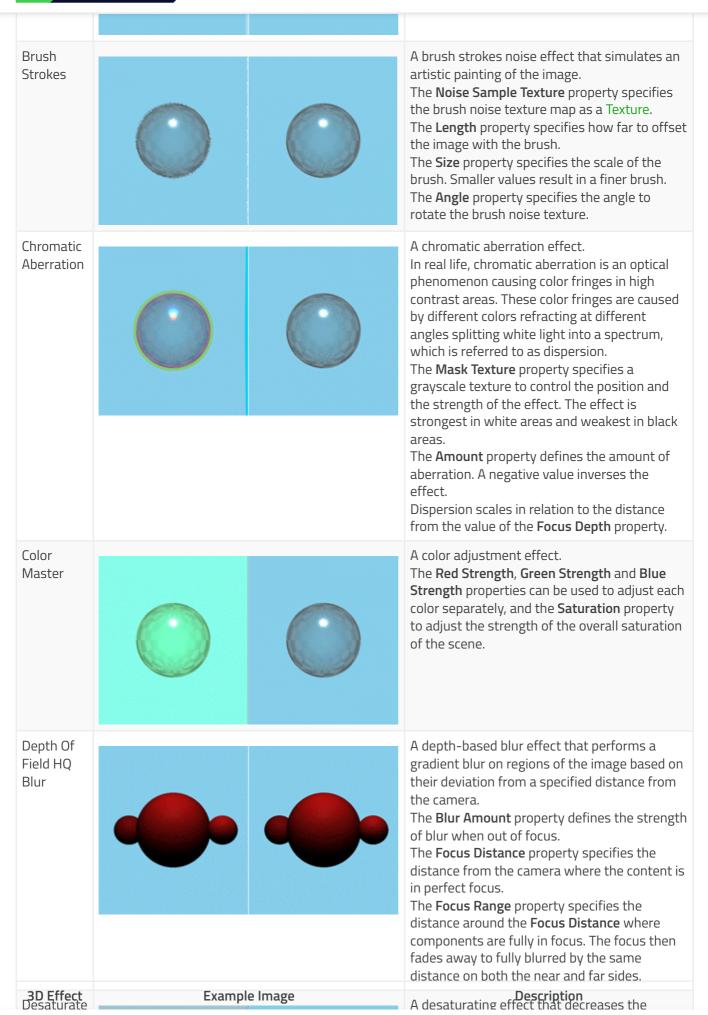
You can apply multiple effects to a scene. Select the **Scene Environment** component in **Navigator** to view the applied effects in Properties > **Scene Environment** > **Effect**.

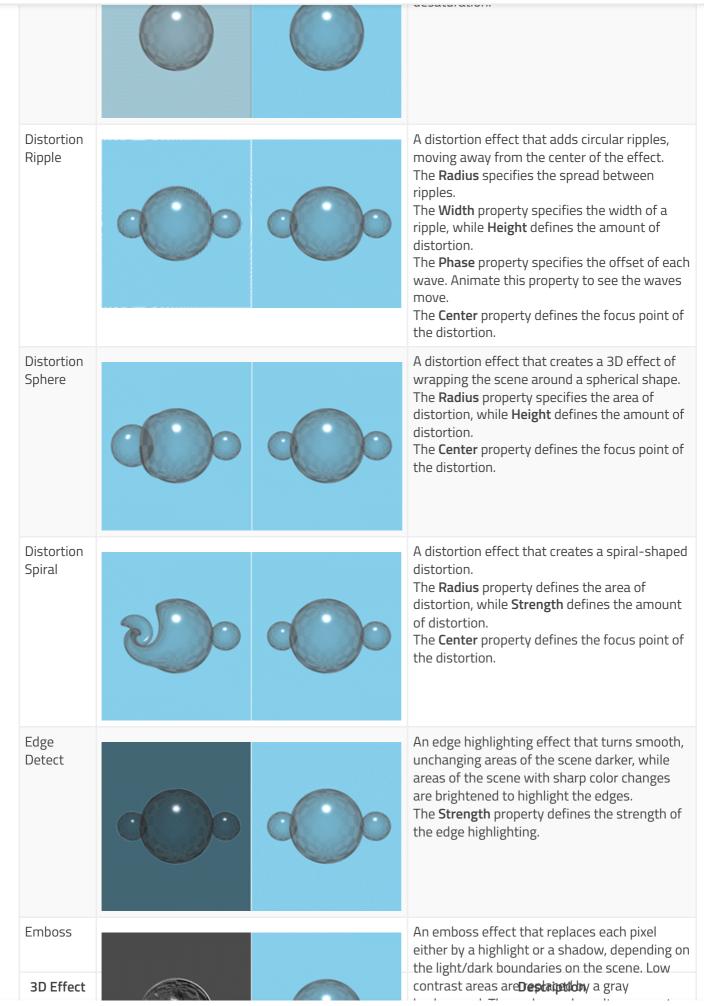
If the effects are not displayed in Components, you should add the **QtQuick3D.Effects** module to your project, as described in Adding and Removing Modules.

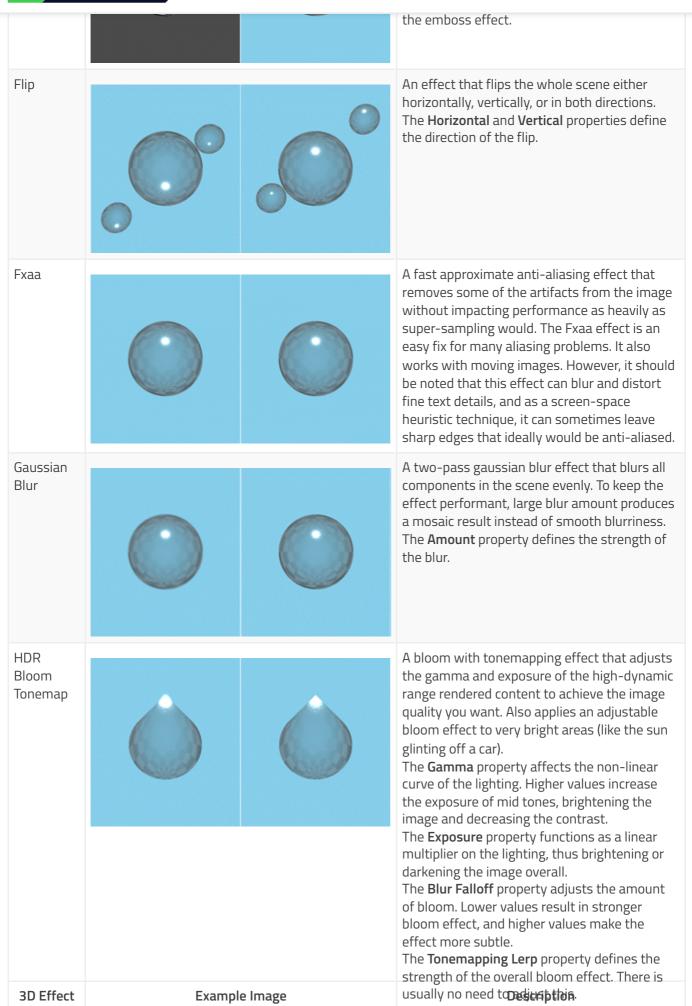
See the following table for available effects and example images.

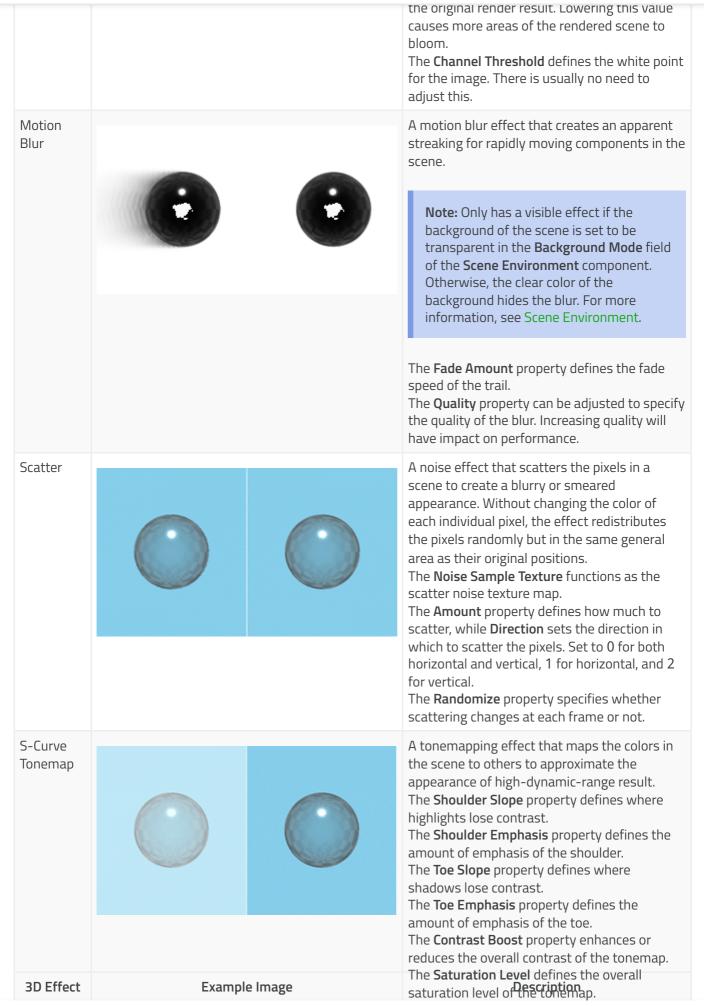
Available Effects

3D Effect	Example Image	Description
Additive Color Gradient		A gradient with additive color effect that adds a vertical gradient to the whole scene and then additively blends it with all other components in a 3D view. Additive blending adds the pixel values of the gradient and the 3D view, making the result lighter. White areas do not change, and black areas are the same color as the gradient. The Top Color and Bottom Color properties specify the colors used for the gradient at the
		top and bottom parts of the screen.
Blur		A simple one-pass blur. The Amount property specifies the strength of the blur.
3D Effect		Description

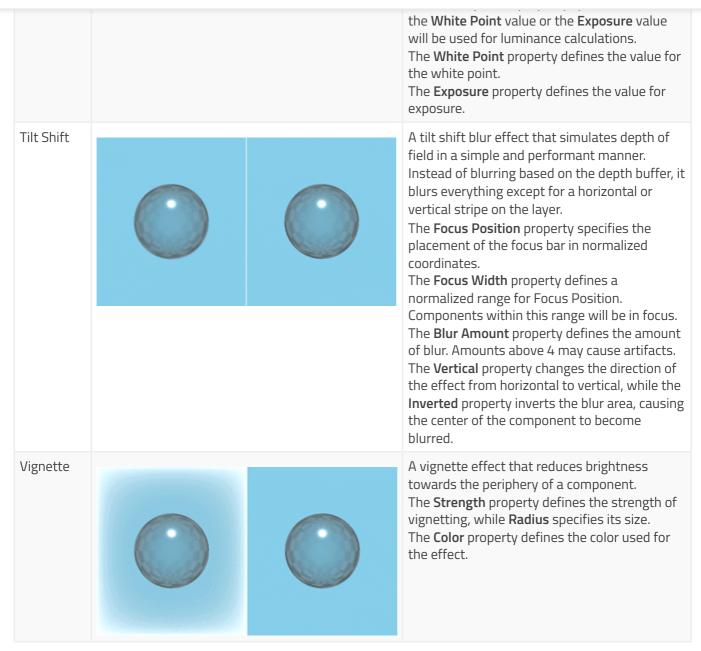












< 3D Materials</p>
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