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# Difference Key Node

This node produces a matte that isolates foreground content by comparing it with a reference background image.



## Inputs

### Image

Contains foreground content against the background that is to be removed.

### Image

The reference background image.

## Properties

### Tolerance

Where pixels match the reference background to within the specified threshold, the matte is made transparent.

### Falloff

Increase to make nearby pixels partially transparent producing a smoother blend along the edges.

## Outputs

### Image

Image with its alpha channel adjusted for the keyed selection.

### Matte

A black-and-white alpha mask of the key.

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