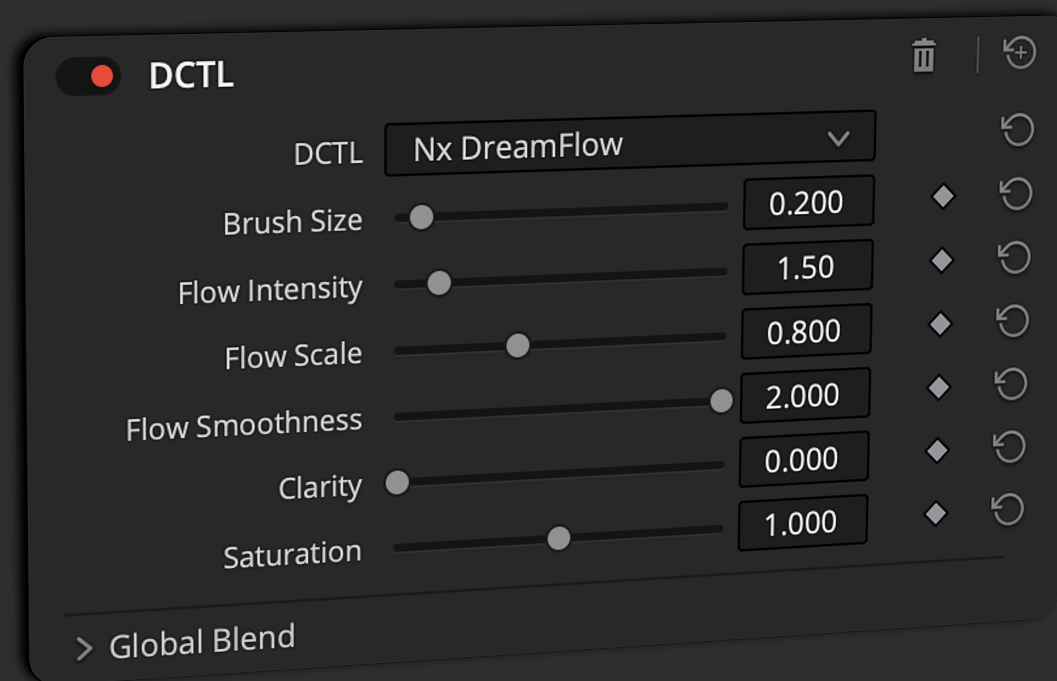




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We hope you'll love using the DCTLs for DaVinci Resolve to bring your creative visions to life!



Flow-Based Anisotropic Diffusion for DaVinci Resolve

## System Requirements

Works on macOS, Windows and Linux  
(Metal, CUDA & OpenCL Modes Supported)

Requires DaVinci Resolve Studio 20 and Above.



[nxcolor.com](https://nxcolor.com)



# Nx DreamFlow

## Flow-Guided Anisotropic Diffusion

Intelligently smooths along image structure rather than across edges for natural, detail-preserving results.

## Adaptive Elliptical Filtering

Automatically adjusts filter shape and orientation based on local image structure and flow direction.

## Flow Intensity & Scale

Precisely control how strongly and at what scale the filter follows detected flow lines to match different subjects or styles.

## Clarity Enhancement

Built-in local contrast enhancement to restore micro-detail and sharpness after diffusion.

## Multi-Scale Flow Analysis

Analyzes image flow patterns at multiple scales for coherent, artifact-free smoothing across varying texture sizes.

## Brush Size Control

Adjustable diffusion radius ranging from gentle surface refinement to expressive painterly abstraction.

## Flow Smoothness Control

Fine-tunes the coherence and strength of directional smoothing for natural or stylized results.

## Compatibility Across Pages

Works seamlessly across Edit, Fusion, and Color pages in DaVinci Resolve.



# Nx DreamFlow

DCTL

DCTL

Nx DreamFlow

Brush Size

0.200

Flow Intensity

1.50

Flow Scale

0.800

Flow Smoothness

2.000

Clarity

0.000

Saturation

1.000

> Global Blend

- Brush Size - Controls the size of the dreamflow brush strokes. Smaller values create fine details, larger values create broader, more painterly effects.
- Flow Intensity - Adjusts how strongly the flow follows image edges and gradients. Higher values create more dramatic directional flow effects.
- Flow Scale - Controls the scale of flow analysis. Lower values detect fine details, higher values capture broader flow patterns.
- Flow Smoothness - Determines how smooth and coherent the flow patterns are. Higher values create more fluid, continuous strokes.
- Clarity - Enhances local contrast and sharpness using bilinear sharpening. Adds definition without creating halos.
- Saturation - Controls color saturation and pigment concentration. Simulates how paint pigments blend and accumulate on canvas.



DCTL

DCTL

Nx DreamFlow

Brush Size

0.200

Flow Intensity

1.50

Flow Scale

0.800

Flow Smoothness

2.000

Clarity

0.000

Saturation

1.000

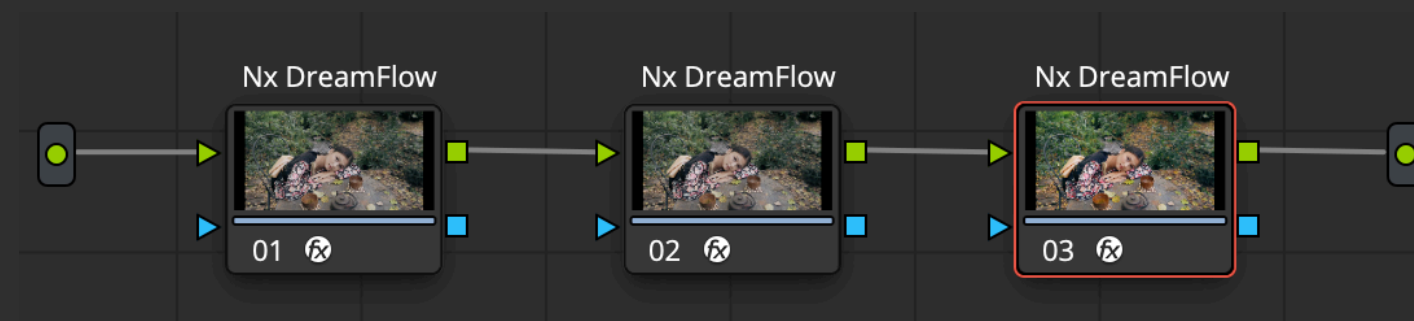
> Global Blend

## Stacking for Stronger Effects

For more pronounced dreamflow effects, Nx DreamFlow can be applied multiple times by stacking nodes in series.

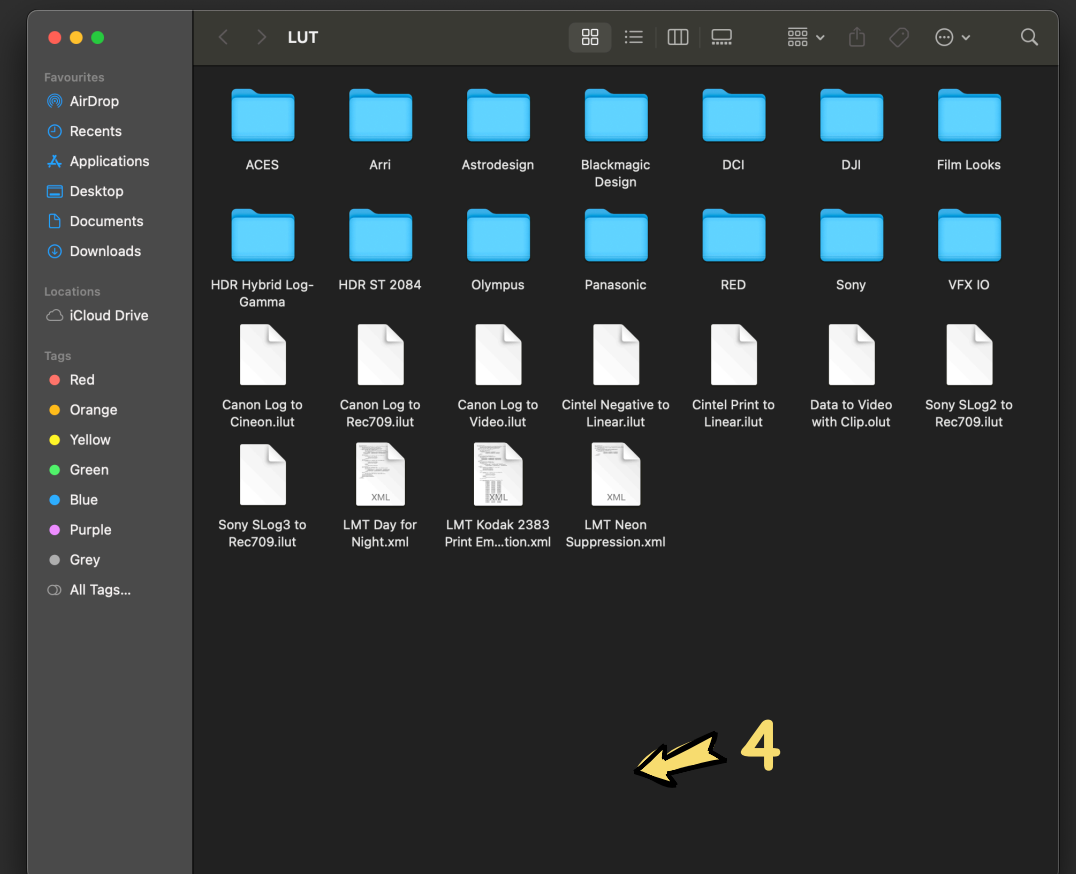
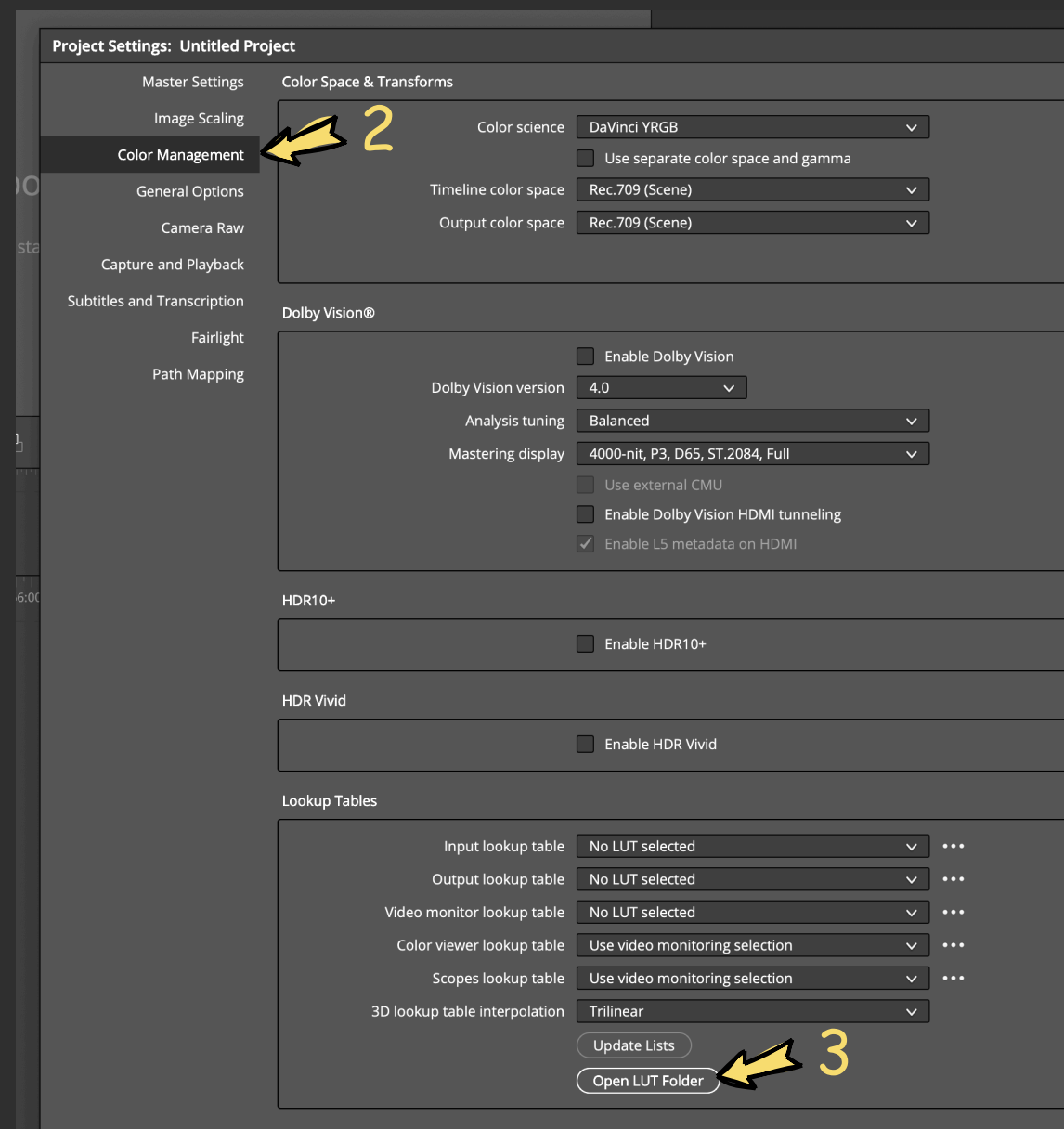
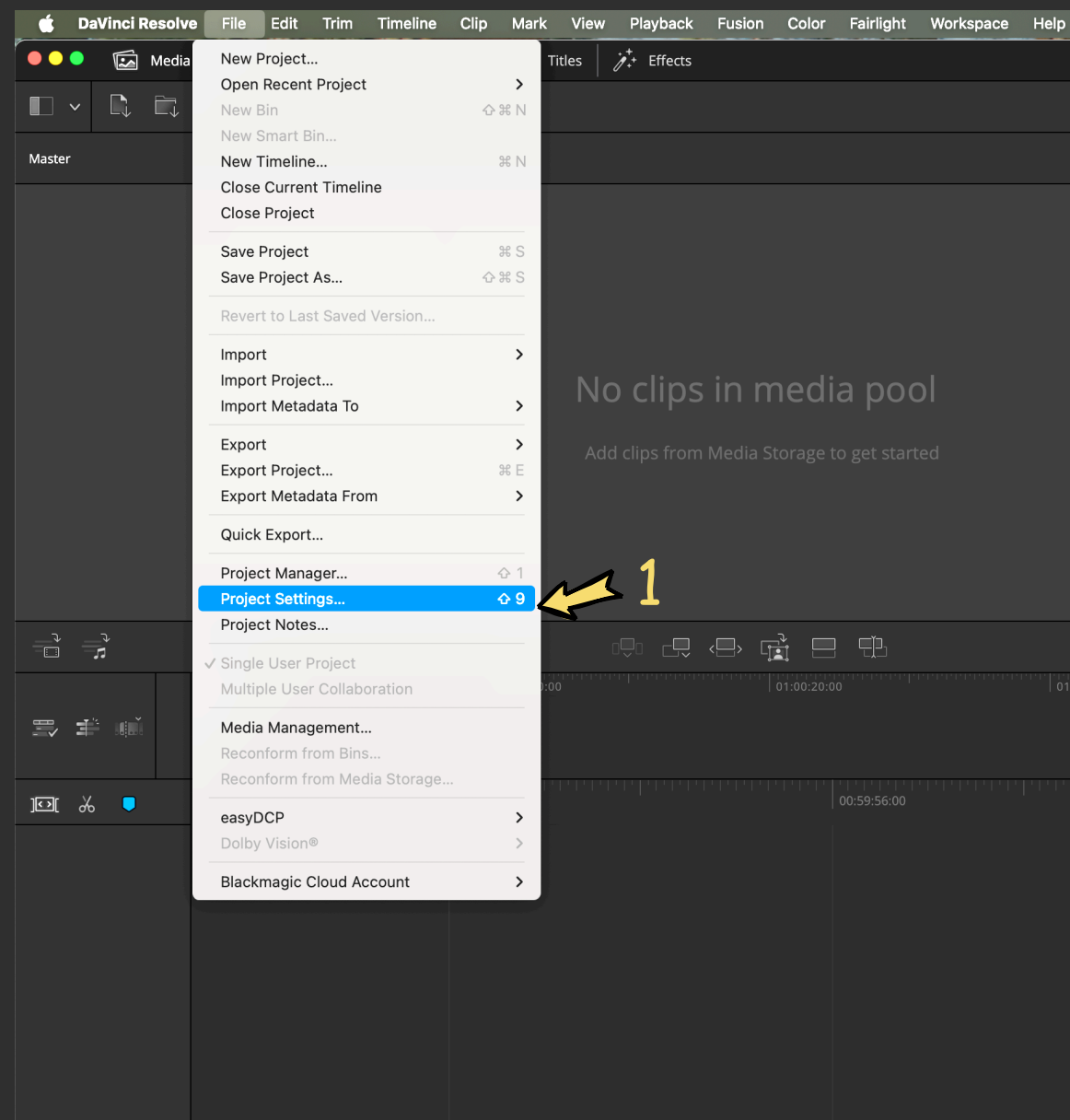
Each pass builds upon the previous result, progressively enhancing the flow-based stylization and creating deeper, more painterly transformations.

Start with subtle settings on the first node, then add additional instances with lower intensity values to refine the effect without over-processing. This iterative approach gives you precise control over the final look—two to three passes typically produce rich, artistic results while maintaining image integrity.



# DCTL Installation

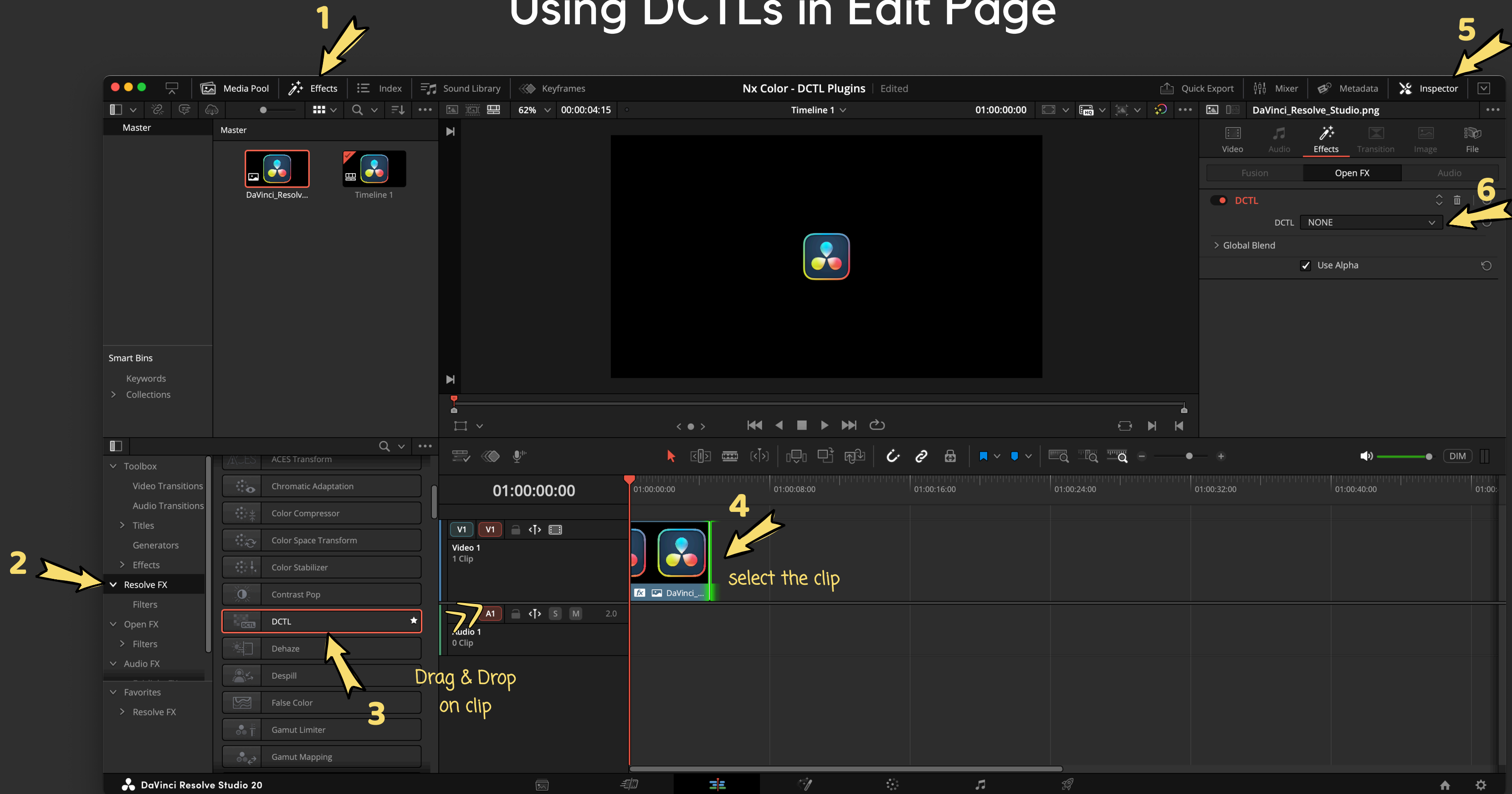
1. Go to the (Menu) File -> Project Settings
2. Navigate to “Color Management” then “Lookup Tables”.
3. Click “Open LUT Folder” to open the LUT folder within Explorer.
4. Copy and Paste "Nx DreamFlow.dctl" into the LUT folder.
5. Restart Resolve.



COLOR

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# Using DCTLs in Edit Page



# Using DCTLs in Fusion Page

The screenshot shows the DaVinci Resolve Studio 20 interface in the Fusion page. The top toolbar includes tabs for Media Pool, Effects, Clips, Nodes, and Inspector. The Effects panel on the left shows a list of tools, including 'Resolve FX Color' and 'Resolve FX Generate'. The 'DCTL' effect is highlighted in the 'Resolve FX Color' section. The Inspector panel on the right shows the 'DCTL' effect selected, with a dropdown menu set to 'NONE'. The Nodes panel at the bottom shows a workflow with three nodes: 'MediaIn1', 'DCTL1', and 'MediaOut1'. A yellow arrow points from the 'DCTL' effect in the Effects panel to the 'DCTL1' node in the Nodes panel. A yellow arrow points from the 'Inspector' tab to the 'DCTL' effect in the Inspector panel. A yellow arrow points from the 'DCTL' effect in the Inspector panel to the 'DCTL1' node in the Nodes panel. A yellow arrow points from the 'Inspector' tab to the 'DCTL' effect in the Inspector panel. A yellow arrow points from the 'Inspector' tab to the 'DCTL' effect in the Inspector panel.

1

2

3

4

5

Drag & Drop on flow

MediaOut1

[Main]: 1024x1024 float32

Inspector

Tools

Modifiers

DCTL1

Controls

Settings

DCTL NONE

Nodes

MediaIn1

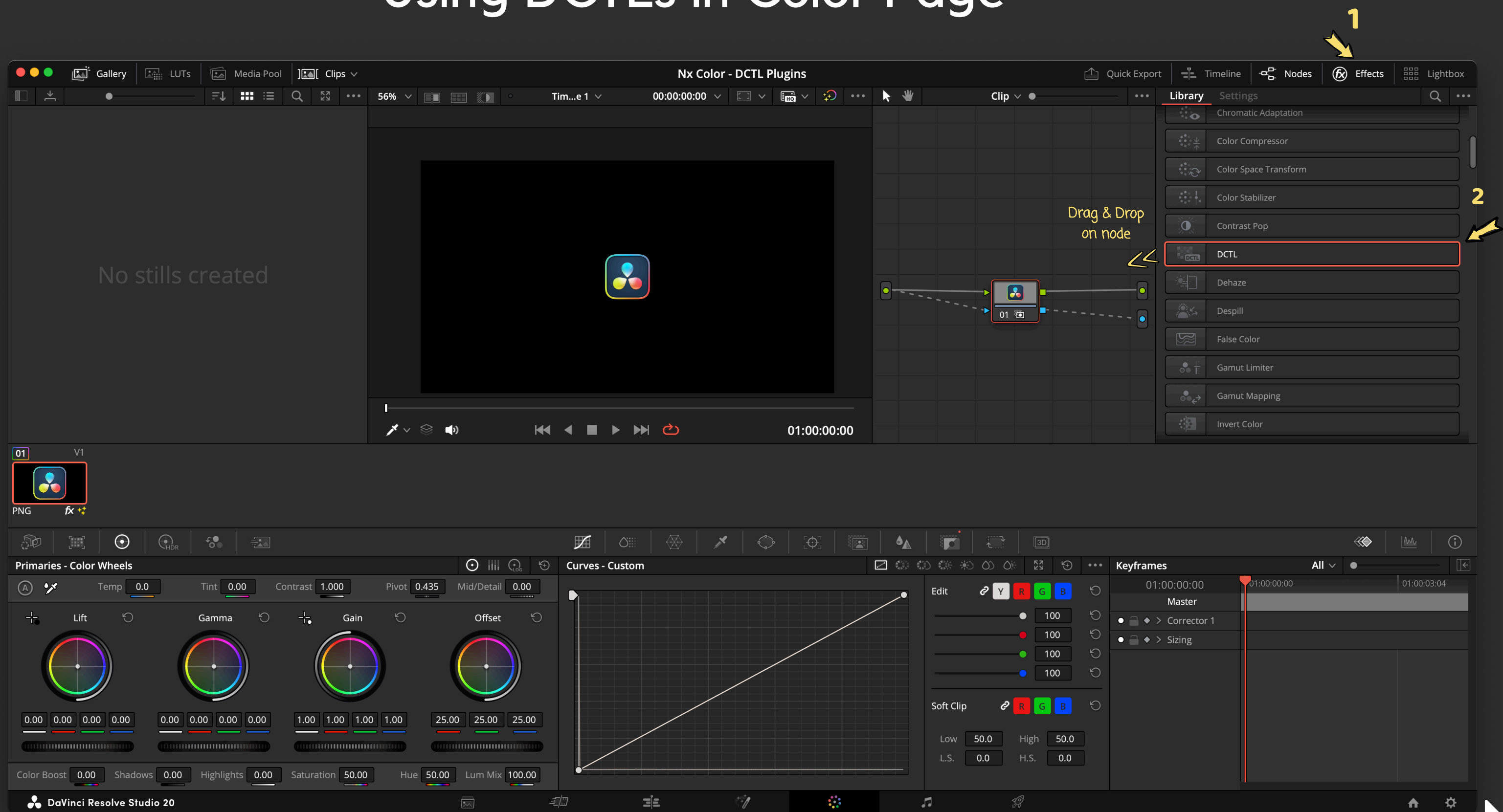
DCTL1

MediaOut1

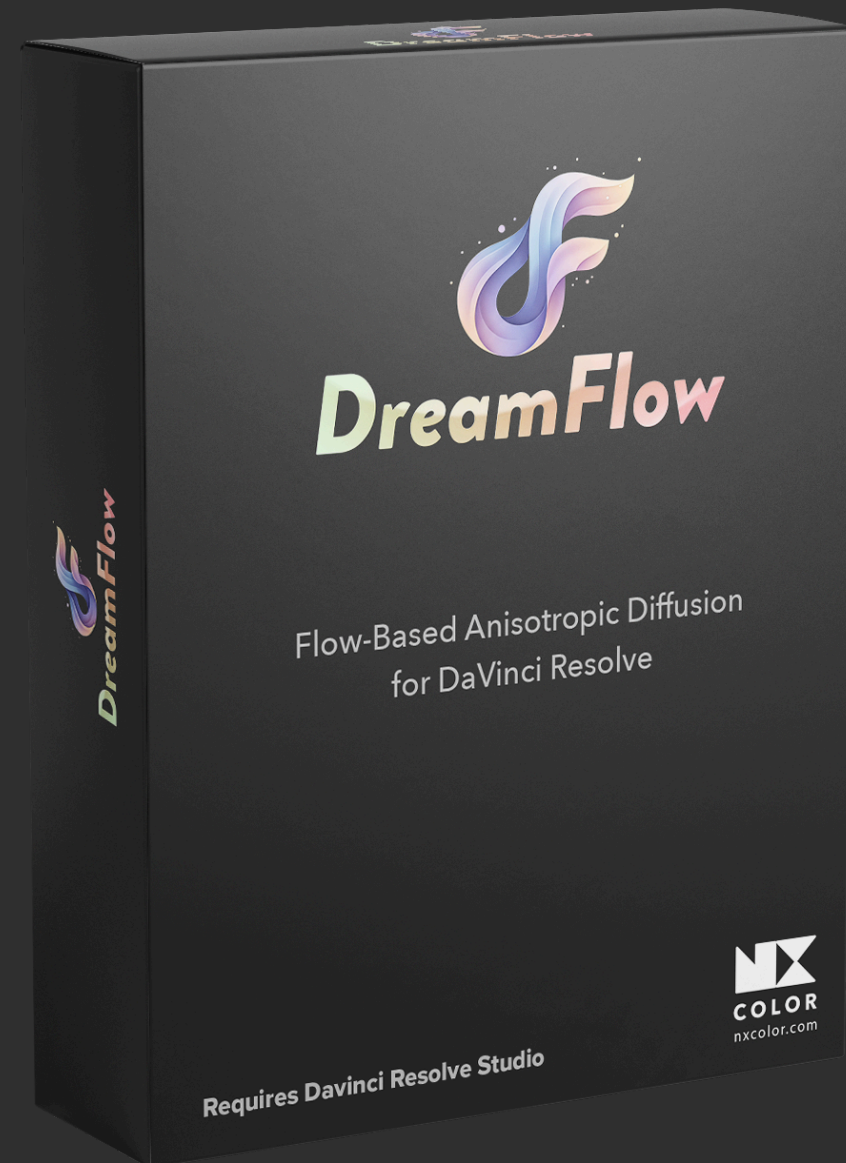
DaVinci Resolve Studio 20

12% - 1892 MB

# Using DCTLs in Color Page







For any support / queries please mail to  
[hello@nxcolor.com](mailto:hello@nxcolor.com)

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