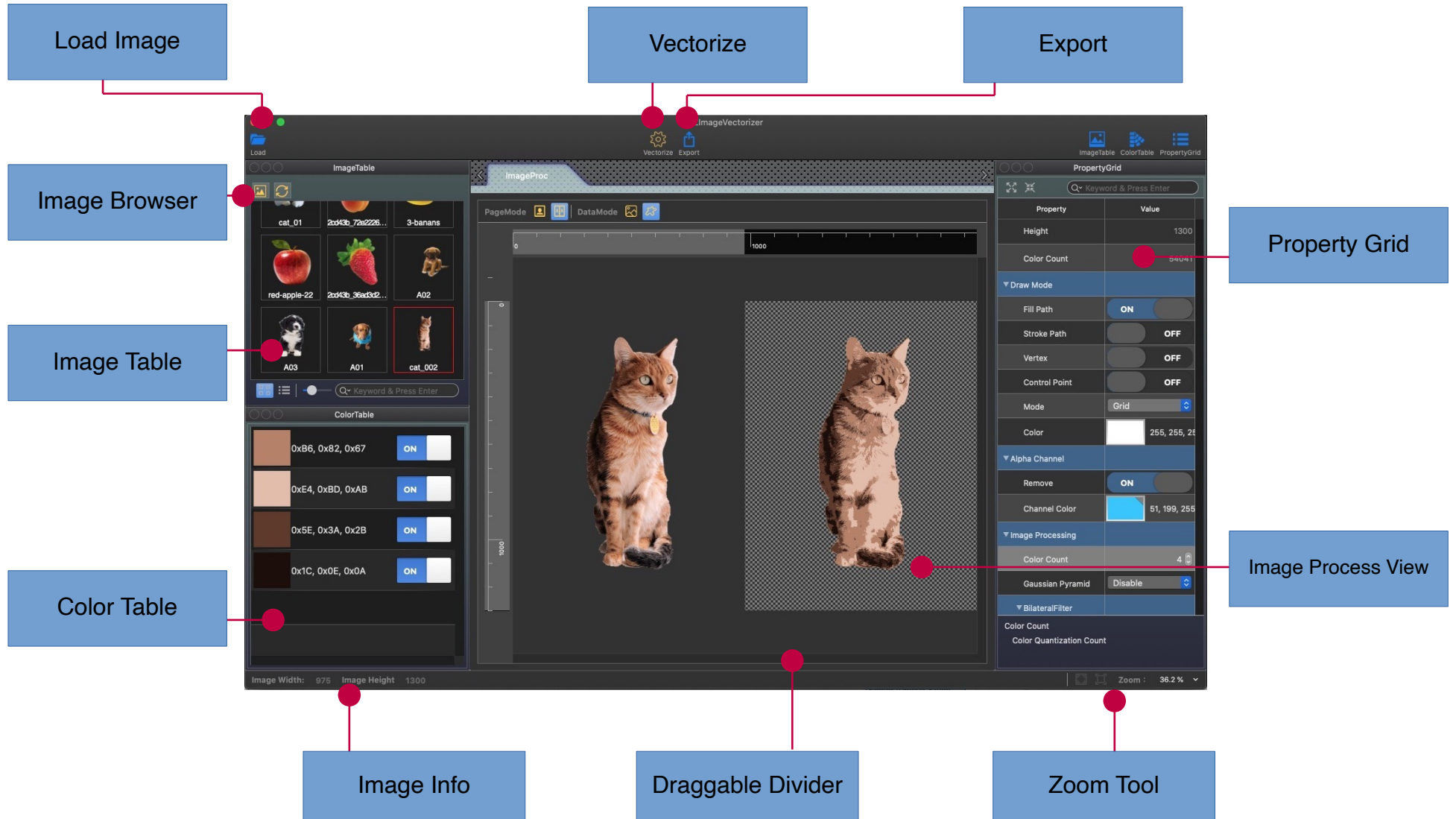
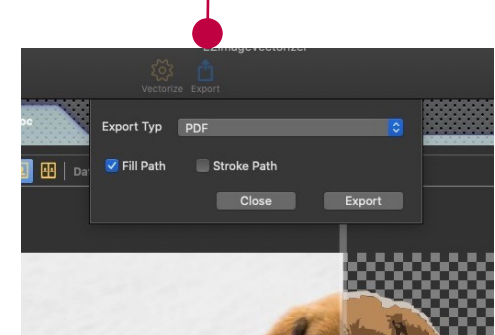
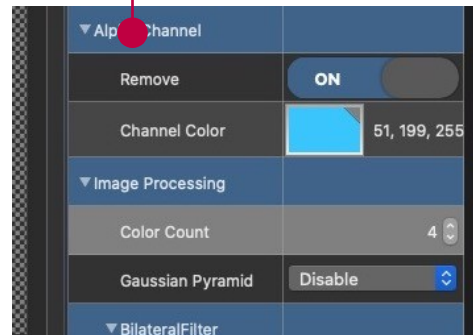
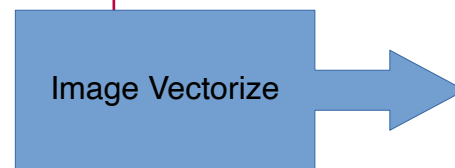
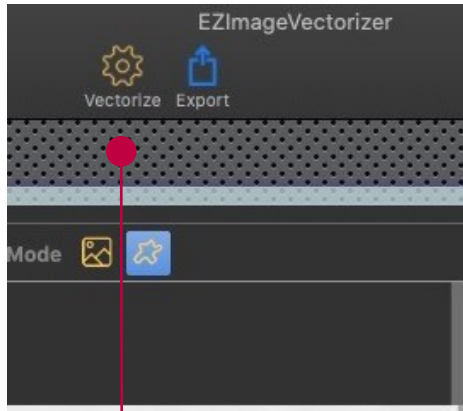
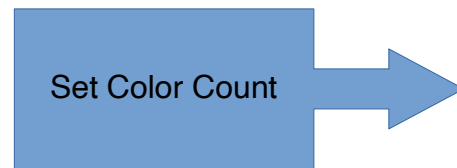
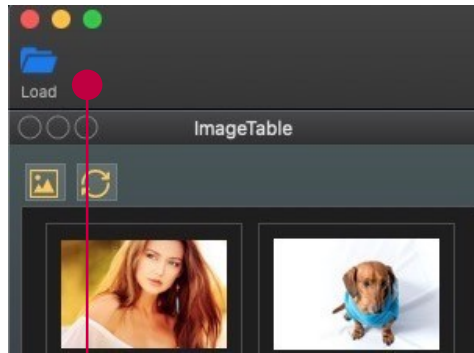


# EZImageVectorizer Quick Start Guide



# Quick Start

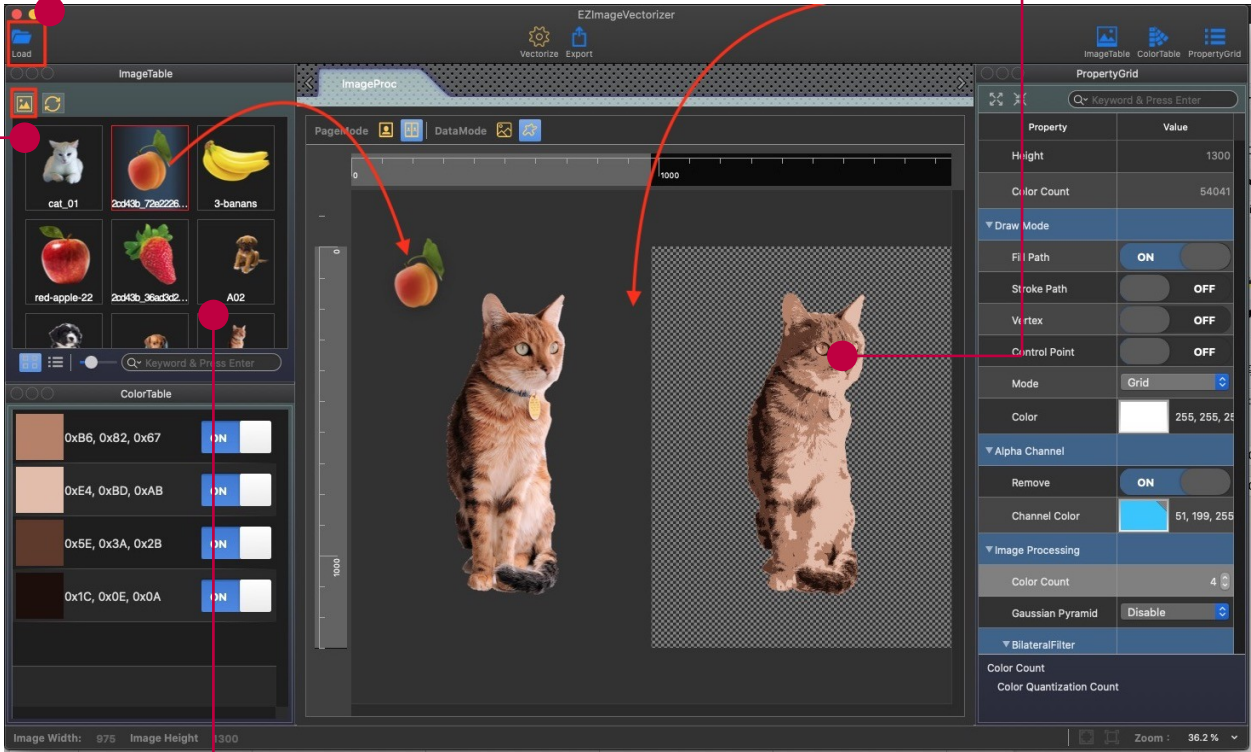


# How to load Image

Image Folder

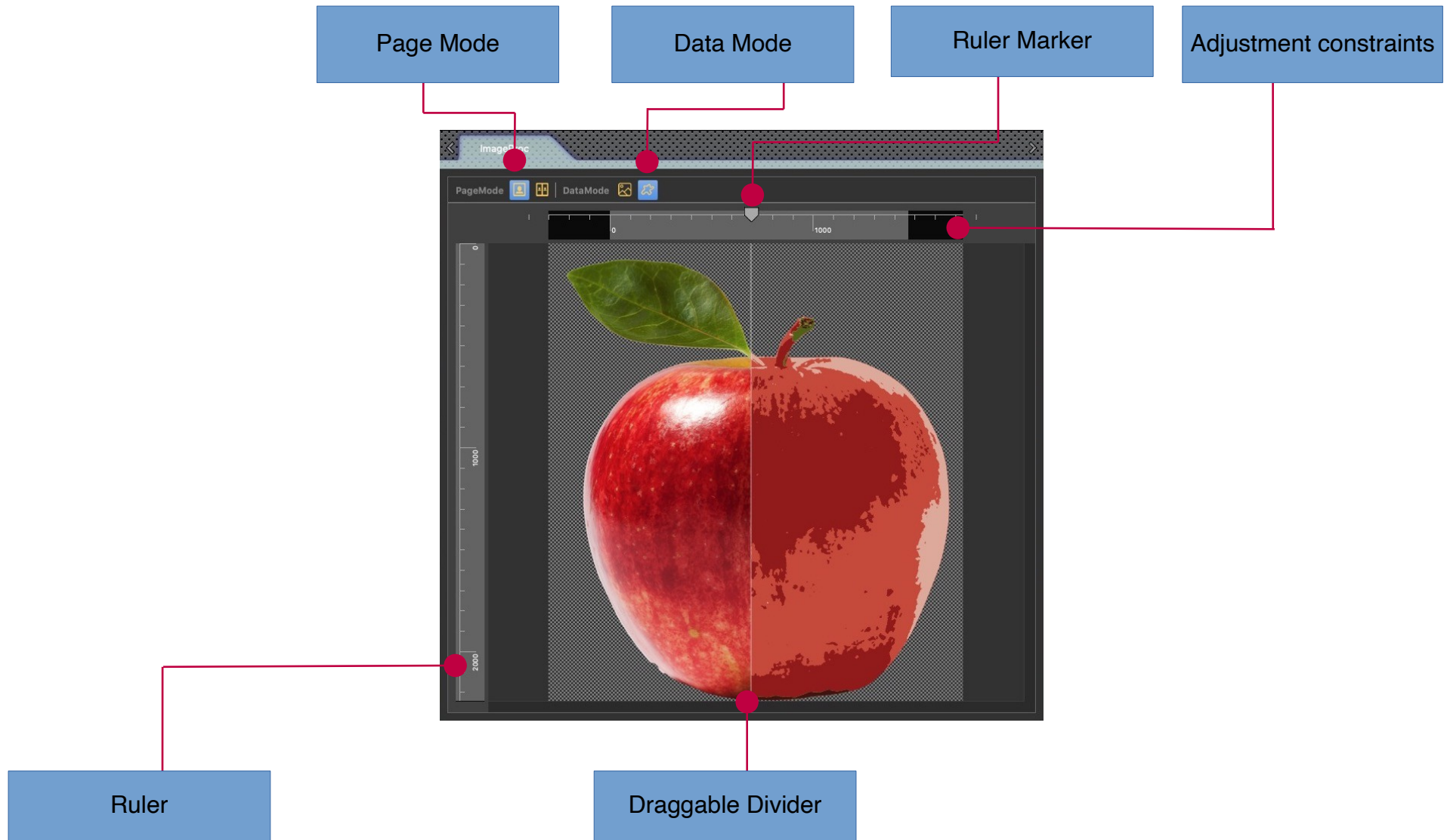
Load Image

Drag Finder Image

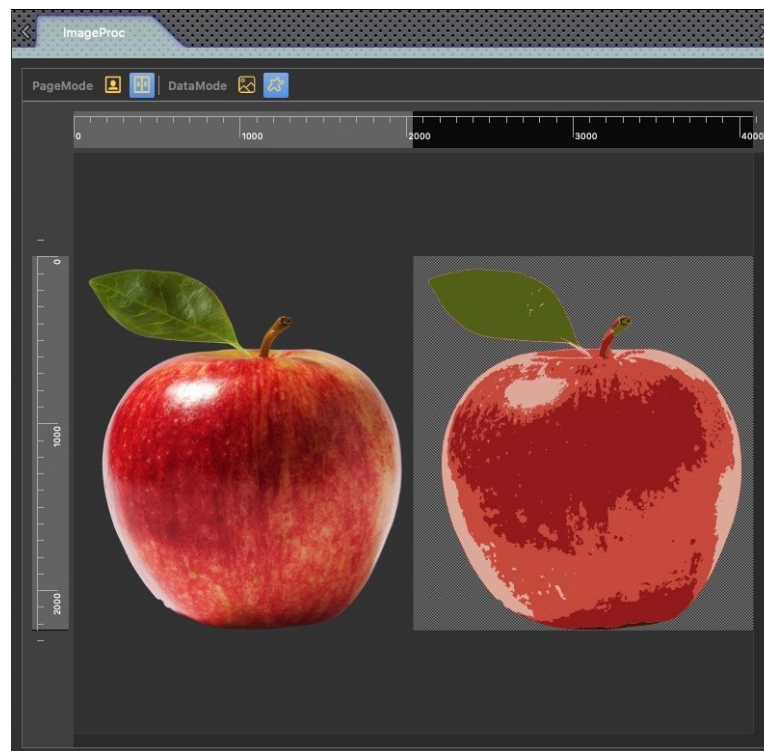


Drag Image Item

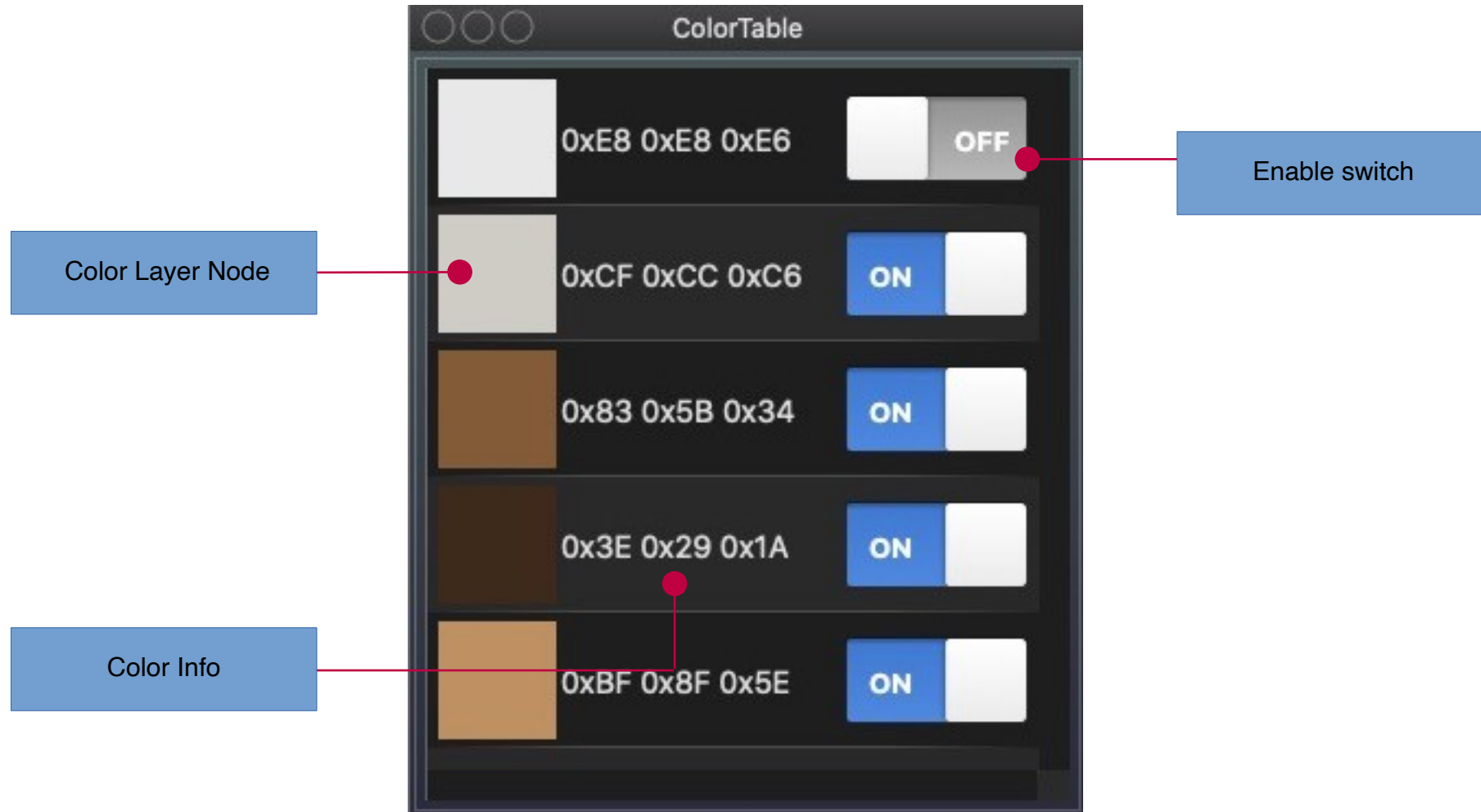
# Image Process View

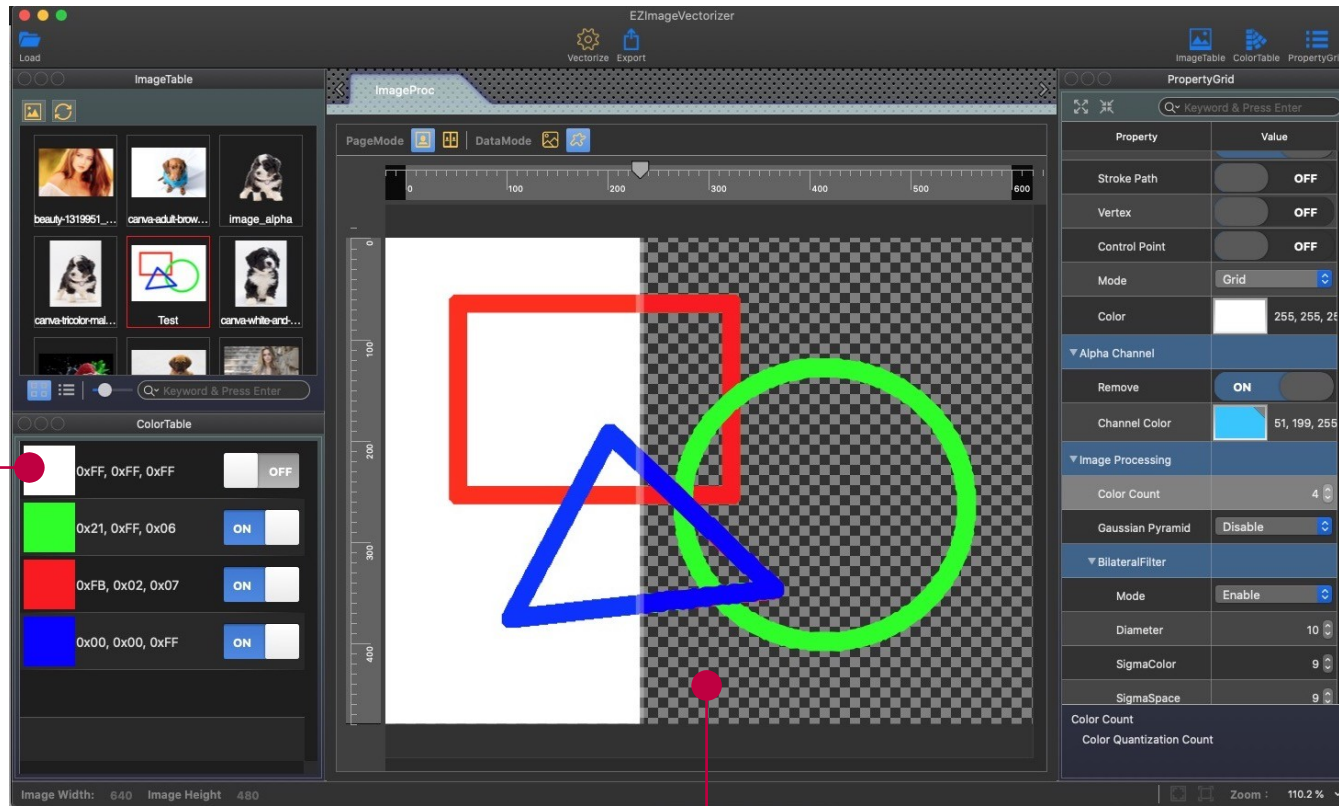


## Dual Page Mode



# Color Table Module





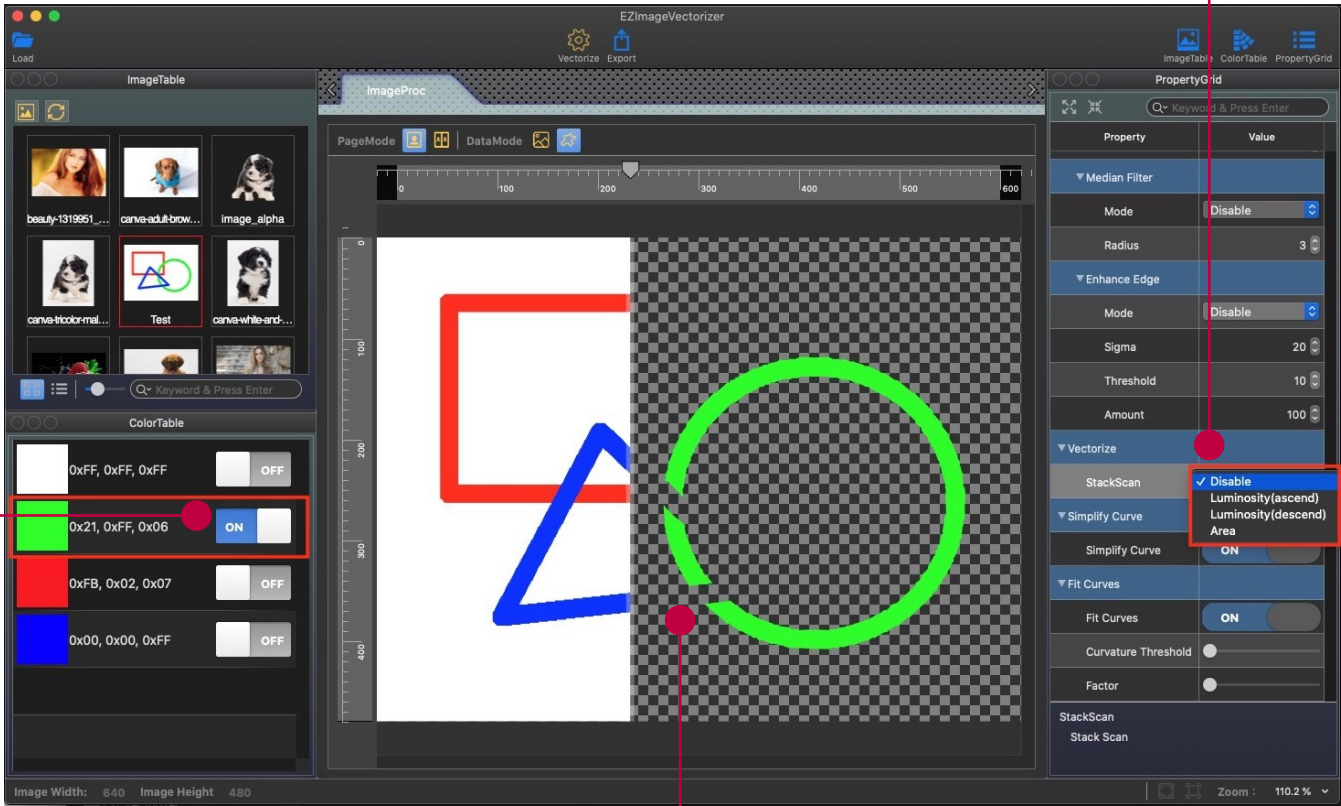
Disable White Layer

White layer is not draw

# Stack Scan (Disable)

Layer Enabled

Disable

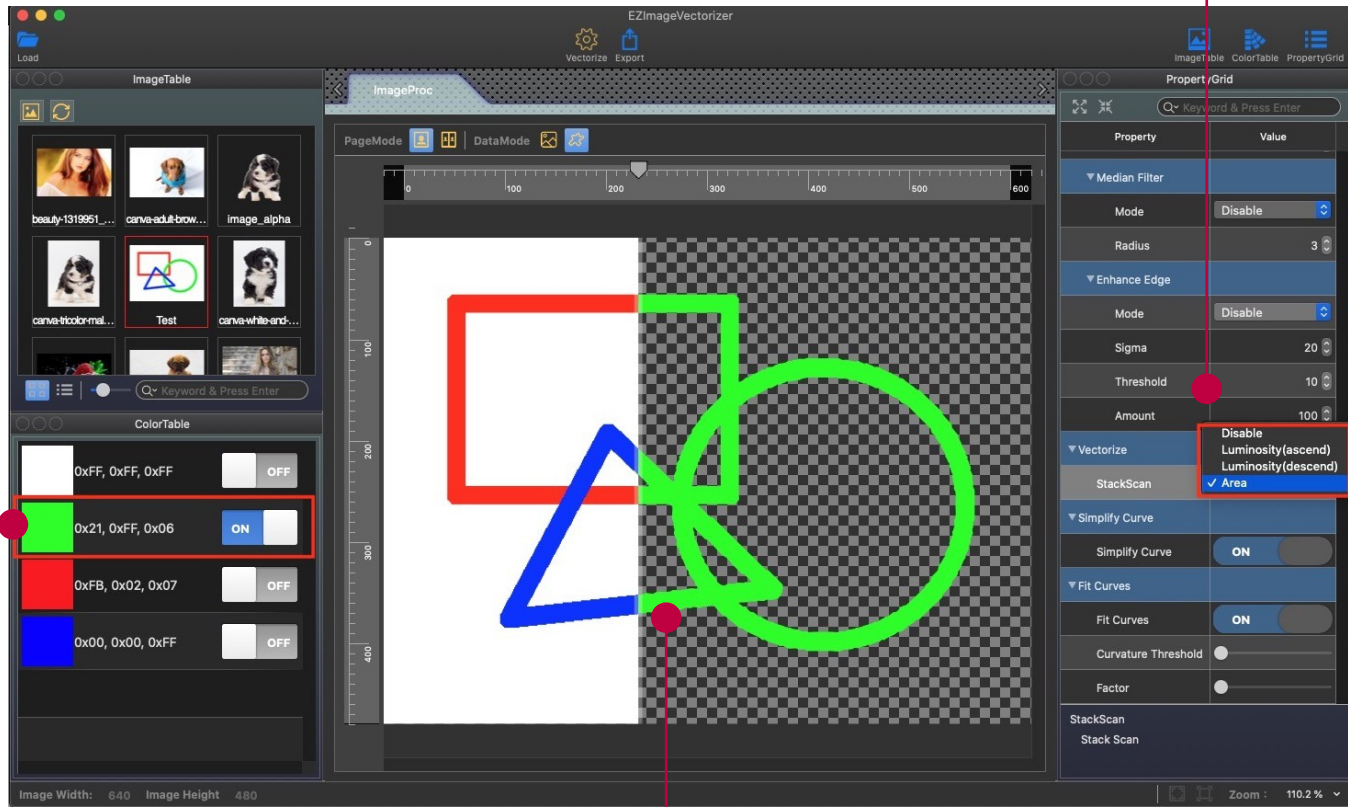


Layer Draw



# Stack Scan(Area Sort)

Area Sort



Layer Enabled

Layer Draw

# Property Grid Module

The screenshot shows a window titled "PropertyGrid" with a search bar at the top containing the text "Keyword & Press Enter". Below the search bar is a table with two columns: "Property" and "Value". The table contains several rows, each with a right-pointing triangle icon in the "Property" column, indicating expandable nodes. The nodes are: File Info, Draw Mode, Alpha Channel, Image Processing, Vectorize, Simplify Curve, and Fit Curves. A red dot is placed on the triangle icon for the "Vectorize" row, with a callout box labeled "Group Node" pointing to it. Another red dot is placed on the search bar, with a callout box labeled "Search Bar" pointing to it. A third red dot is placed on the expand/collapse icons (a square with four arrows pointing outwards and a square with four arrows pointing inwards) at the top left of the grid, with a callout box labeled "Expand and Collapse" pointing to it. At the bottom of the grid, there are labels for "title" and "description".

Property	Value
▶ File Info	
▶ Draw Mode	
▶ Alpha Channel	
▶ Image Processing	
▶ Vectorize	
▶ Simplify Curve	
▶ Fit Curves	

title  
description

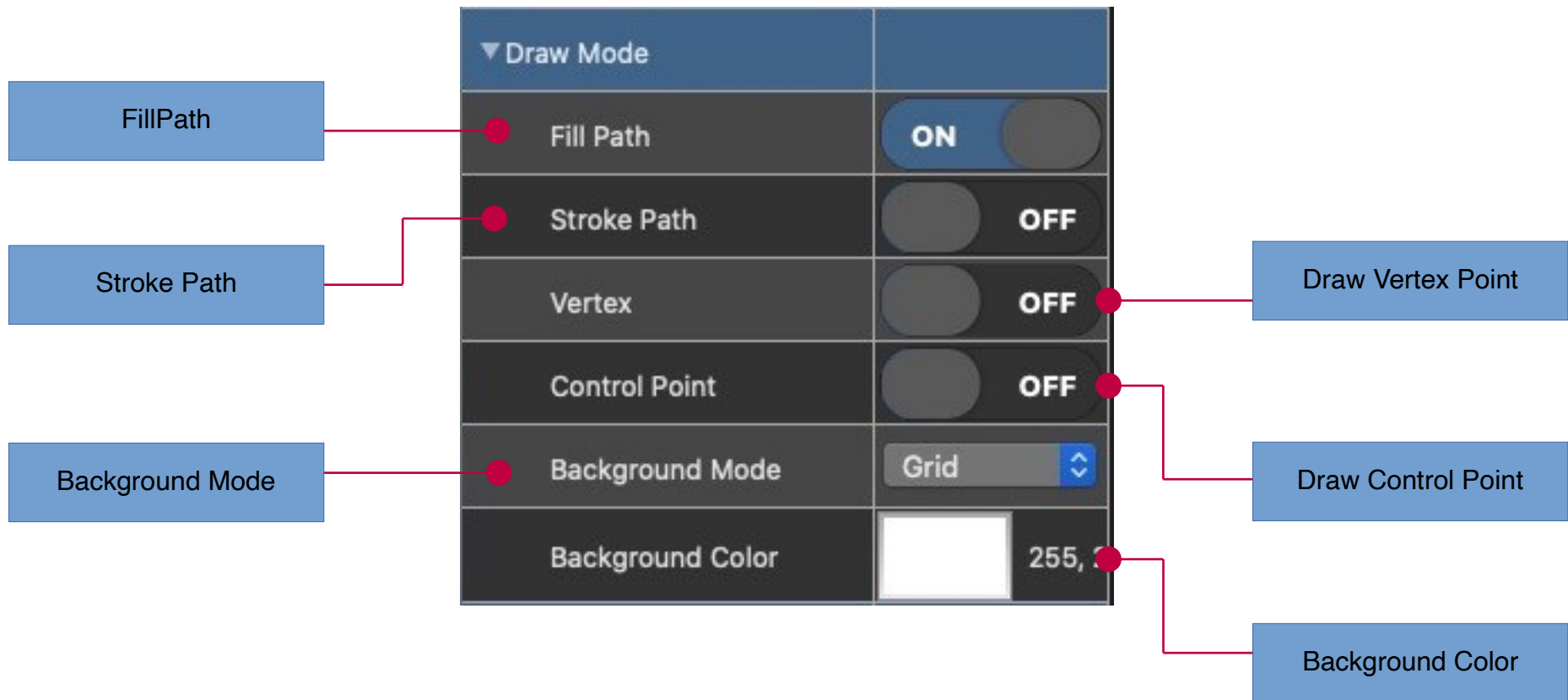
## File info

The diagram illustrates the 'File Info' section of a file analysis tool. It features a table with four rows of data. Three blue callout boxes are connected to specific cells in the table by red lines:

- 'File Name' points to the 'File' column.
- 'Image Size' points to the 'Width' value (64).
- 'Image Color Count' points to the 'Color Count' value (4).

▼ File Info	
File	Test
Width	64
Height	480
Color Count	4

# Draw Mode



### Draw Stroke Path

The screenshot displays the EZImageVectorizer application interface. The central canvas shows a vectorized image with a red square, a blue triangle, and a green circle overlaid on a grayscale background. The interface includes several panels:

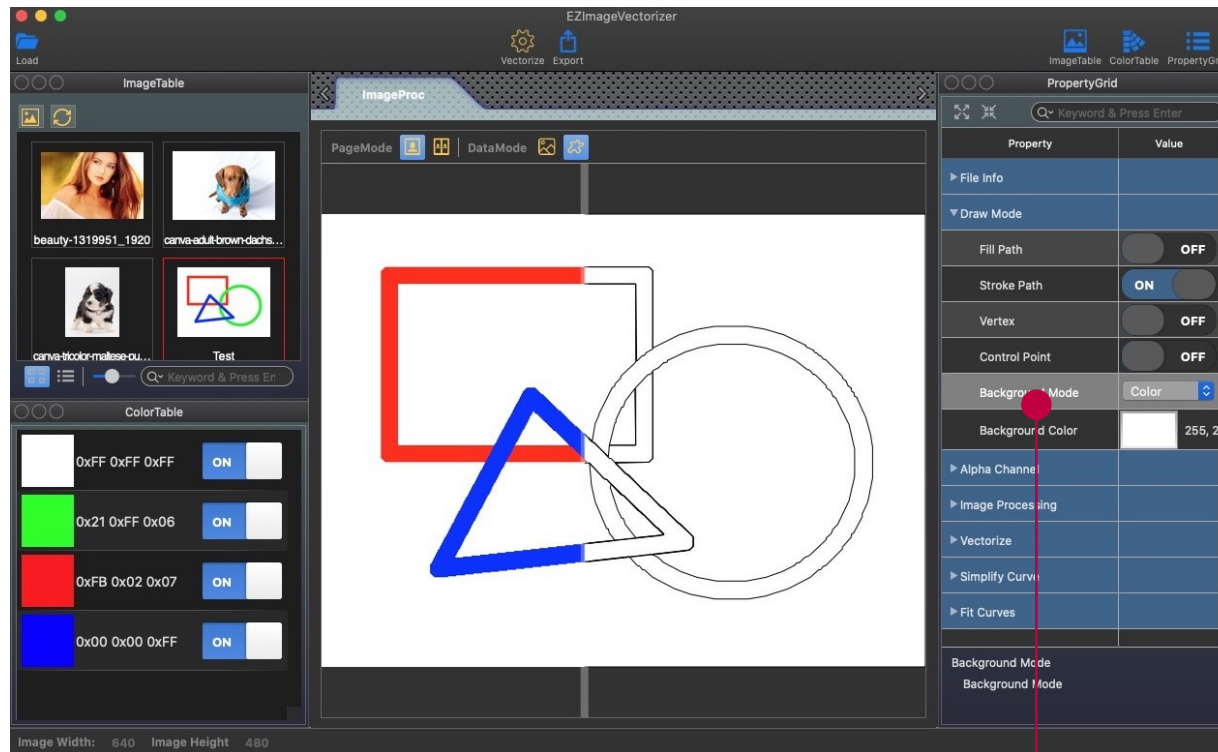
- ImageTable:** A gallery of images on the left side.
- ColorTable:** A panel below the gallery showing color swatches with hex codes and toggle switches.
- ImageProc:** The main workspace with 'PageMode' and 'DataMode' tabs.
- PropertyGrid:** A settings panel on the right with a search bar and various options.

Two blue callout boxes with red lines pointing to specific settings in the PropertyGrid:

- Stroke Path:** Points to the 'Stroke Path' toggle switch, which is currently turned **ON**.
- Grid Mode:** Points to the 'Background Mode' dropdown menu, which is currently set to **Grid**.

Property	Value
File Info	
Draw Mode	
Fill Path	OFF
Stroke Path	ON
Vertex	OFF
Control Point	OFF
Background Mode	Grid
Background Color	Background M 200, 4
Alpha Channel	
Image Processing	
Vectorize	
Simplify Curve	
Fit Curves	
Fill Path	
Fill Path flag	

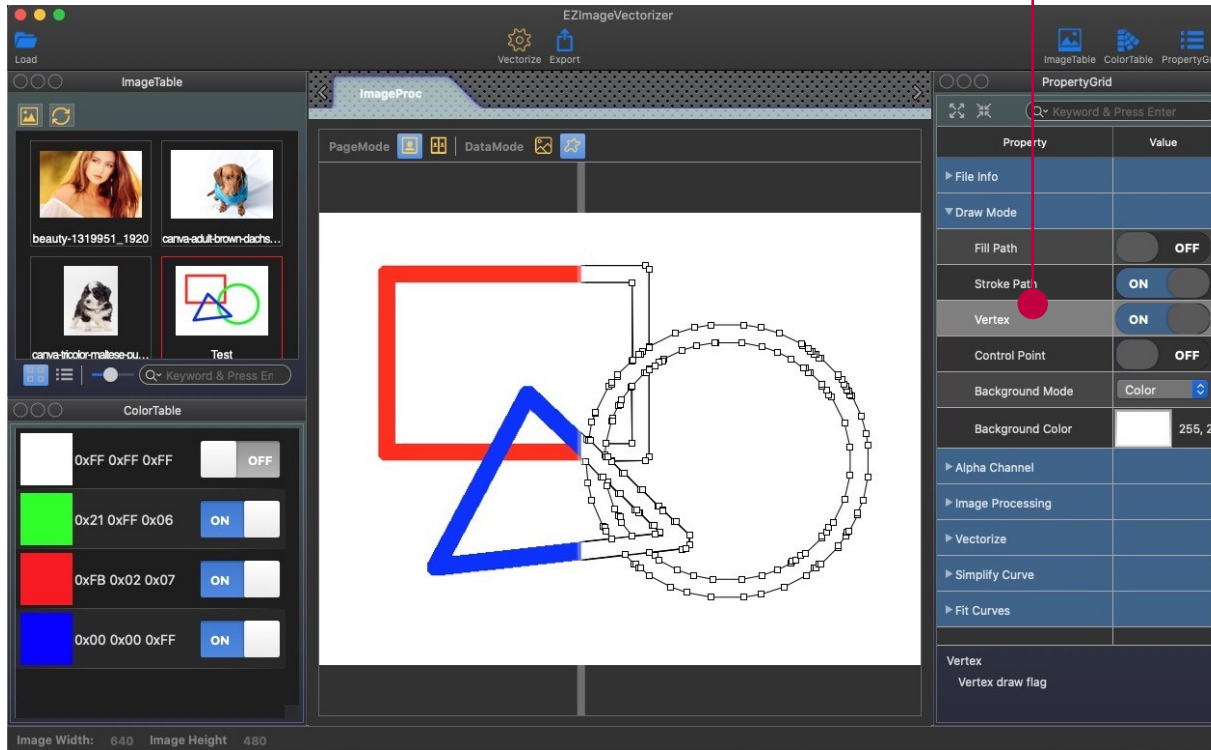
## Background Color Mode



Color Mode

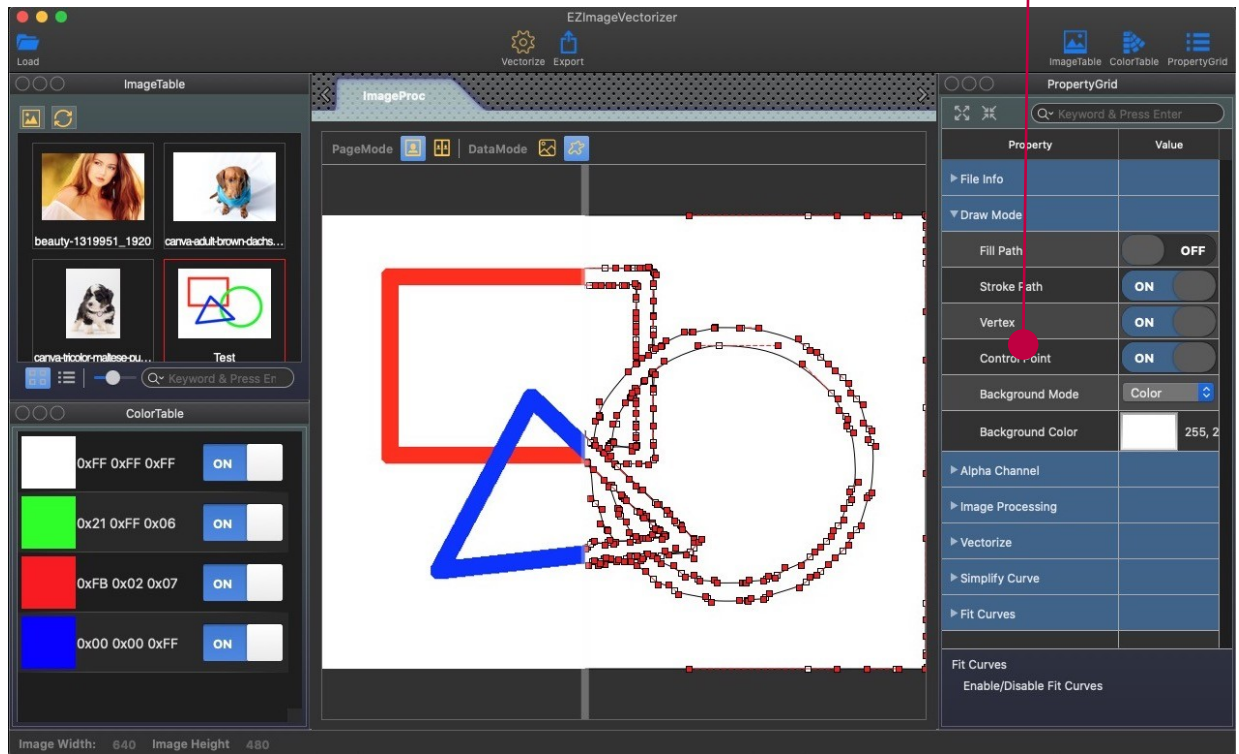
### Draw Vertex Point

Vertex Point



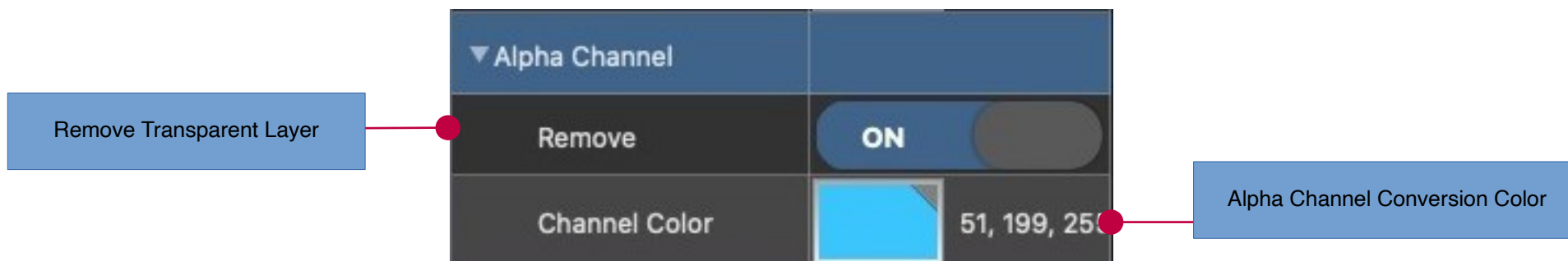
Draw Control Point

Control Point



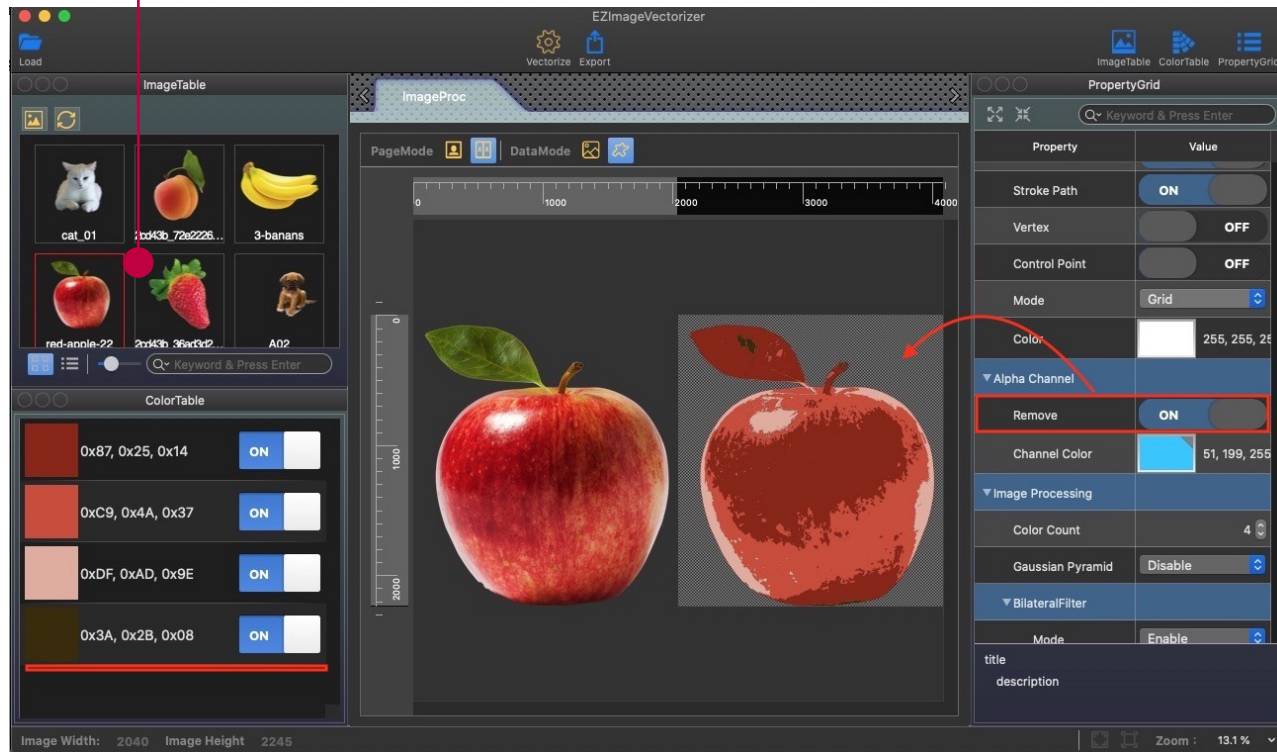


## Alpha Channel



## Remove Transparent Layer

Alpha PNG Image



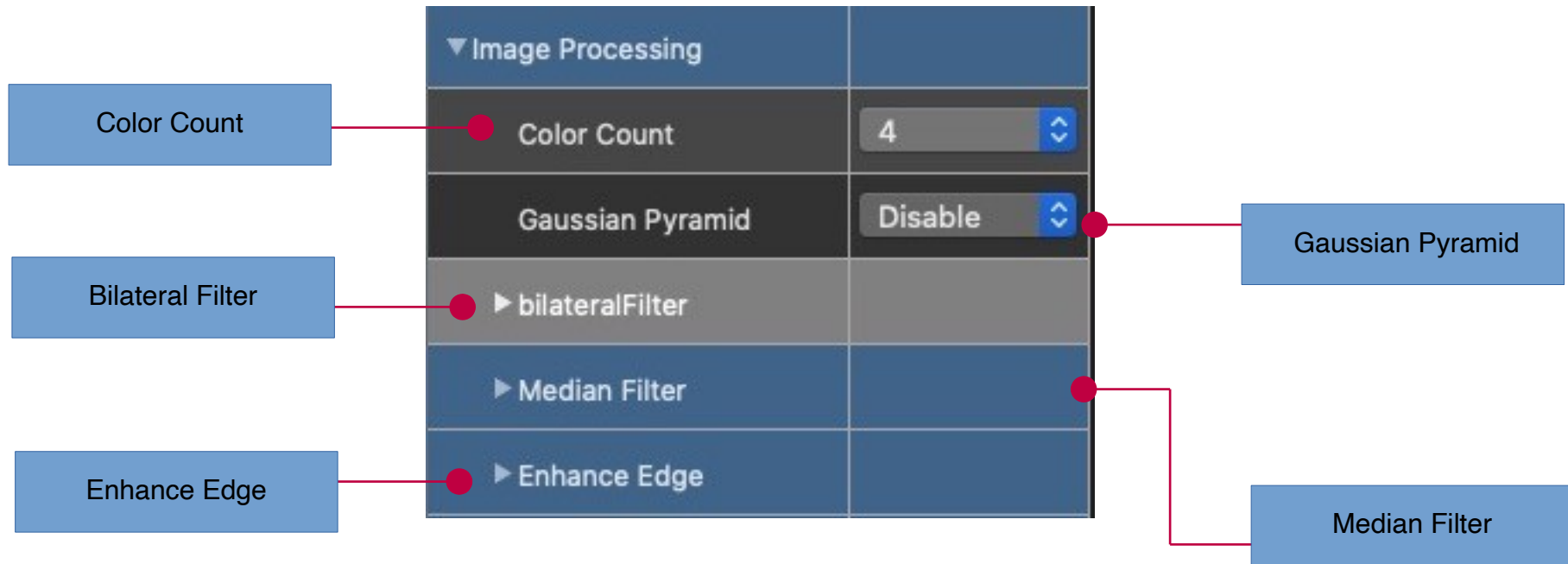
# Alpha Channel Conversion

Alpha PNG Image

Conversion Color



# Image Processing



### Color Count

The screenshot displays the EZImageVectorizer application interface. The main workspace shows two images: the original image on the left and the processed image on the right. The processed image has a black and white checkerboard background. The right sidebar contains the 'PropertyGrid' and 'ColorTable' panels. The 'Color Count' property is set to 4, and the 'Color Table' panel shows four color entries with their corresponding hex codes and toggle switches.

**Color Count**

Property	Value
Color Count	4
Gaussian Pyramid	Disable
bilateralFilter	
Median Filter	

**Color Table**

	0xFF 0xFF 0xFF	<input type="checkbox"/> OFF
	0x21 0xFF 0x06	<input checked="" type="checkbox"/> ON
	0xFB 0x02 0x07	<input checked="" type="checkbox"/> ON
	0x00 0x00 0xFF	<input checked="" type="checkbox"/> ON

**Color Table**

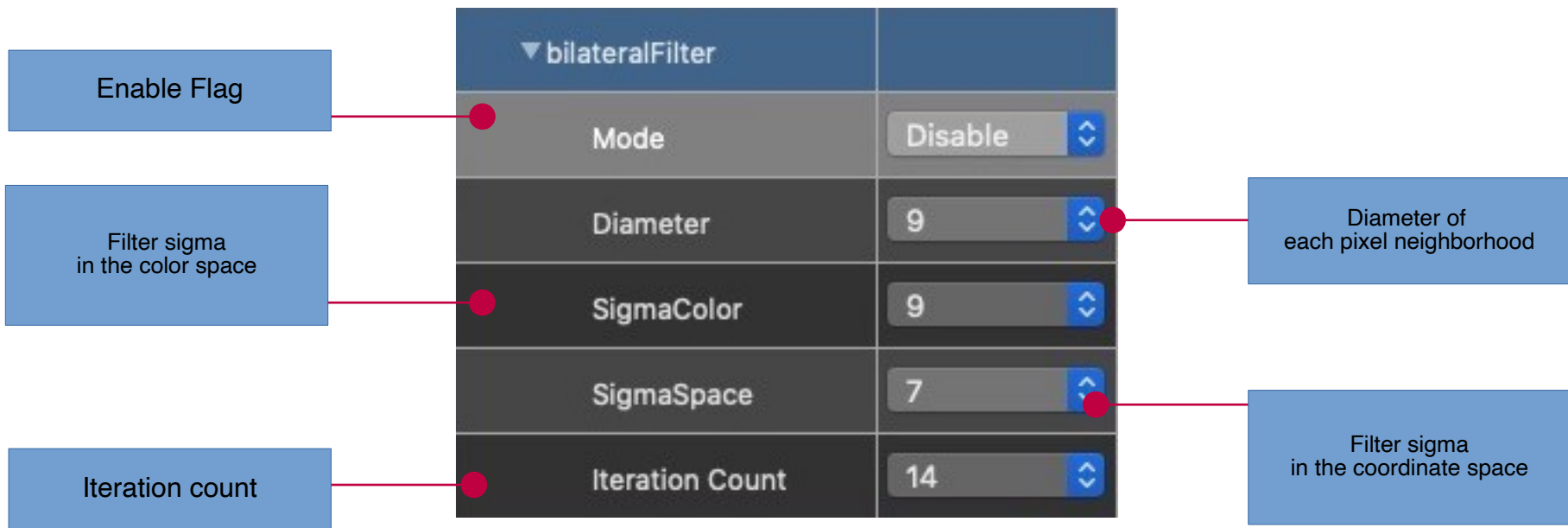
# Gaussian Pyramid

The screenshot shows the EZImageVectorizer interface. The main canvas displays a vectorized image with a red square, a blue triangle, and a green circle. The right half of the image is semi-transparent and overlaid on a checkerboard pattern, indicating a downsampling effect. The PropertyGrid on the right shows the 'Gaussian Pyramid' property set to 4. The ColorTable on the right shows the color mapping for the shapes.

Property	Value
Color Count	4
Gaussian Pyramid	4
bilateralFilter	
Median Filter	

Color	Hex Code	State
White	0xFA 0xFA 0xFA	OFF
Green	0x9E 0xF6 0x93	ON
Red	0xF7 0x97 0x9A	ON
Blue	0x82 0x82 0xEB	ON

# Image Processing : Bilateral Filter



### Bilateral Filter Disable

The screenshot shows the EZImageVectorizer interface. On the left, there are two image panels: the original image of a puppy and its processed result. The result image is highlighted with a red border. On the right, the PropertyGrid panel is visible, showing various processing options. The 'Bilateral Filter' section is expanded, and the 'Mode' dropdown menu is set to 'Disable', which is highlighted with a red box. A red line connects this dropdown to a blue box labeled 'Disable' above it. Another red line connects a red dot on the result image to a blue box labeled 'Result' below it.

Property	Value
Image Processing	
Color Count	6
Gaussian Pyramid	Disable
Bilateral Filter	
Mode	Disable
Diameter	9
SigmaColor	9
SigmaSpace	7
Iteration Count	14
Median Filter	
Enhance Edge	
Vectorize	
Simplify Curve	
Mode	
BilateralFilter Mode	



### Bilateral Filter Enable

The screenshot shows the EZImageVectorizer application interface. On the left, there are two image panels: the original image of a puppy and the processed result. The processed image shows the puppy with a high-contrast, edge-detection-like appearance. On the right, the 'PropertyGrid' panel is visible, showing various settings. The 'Bilateral Filter' section is expanded, and the 'Mode' dropdown is set to 'Enable'. A red box highlights the 'Mode' dropdown, and a red line connects it to a blue box labeled 'Enable' above the screenshot. Another red line connects a red dot on the processed image to a blue box labeled 'Result' below the screenshot.

Property	Value
Image Processing	
Color Count	6
Gaussian Pyramid	Disable
Bilateral Filter	
Mode	Enable
Diameter	9
SigmaColor	9
SigmaSpace	7
Iteration Count	14
Median Filter	
Enhance Edge	
Vectorize	
Simplify Curve	
Mode	
BilateralFilter Mode	

## Image Processing : Median Filter



### Median Filter Disable

The screenshot displays the EZImageVectorizer interface. On the left, the 'ImageProc' window shows two side-by-side images of a dog. The left image is the original, and the right image is the result of applying a median filter. A red box highlights the right image, with a red dot and a line pointing to a blue callout box labeled 'Result'. On the right side, the 'PropertyGrid' panel is visible, showing various processing options. A red dot points to the 'Median Filter' dropdown menu, which is currently set to 'Disable', with a line pointing to a blue callout box labeled 'Disable'. The 'PropertyGrid' table is as follows:

Property	Value
▶ File Info	
▶ Draw Mode	
▶ Alpha Channel	
▼ Image Processing	
Color Count	6
Gaussian Pyramid	Disable
▶ bilateralFilter	
▼ Median Filter	
Mode	Disable
Radius	1
▶ Enhance Edge	
▶ Vectorize	
▶ Simplify Curve	
▶ Fit Curves	
Mode	BilateralFilter Mode

### Median Filter Enable

The screenshot displays the EZImageVectorizer interface. On the left, a 'DataMode' panel shows two side-by-side images of a dog. The left image is the original, and the right image is the result of applying a median filter, which has smoothed the image and removed noise. A red box highlights the 'Median Filter' section in the 'PropertyGrid' on the right. A red dot points to the 'Mode' dropdown menu, which is set to 'Enable'. A red line connects this 'Enable' callout box to the dropdown. Another red line connects a 'Result' callout box to the right image in the 'DataMode' panel. The 'PropertyGrid' also shows other settings: 'Color Count' is 6, 'Gaussian Pyramid' is Disabled, 'Radius' is 3, and 'Enhance Edge' is unchecked. The status bar at the bottom indicates 'Image Width: 425' and 'Image Height: 550'.

Property	Value
File Info	
Draw Mode	
Alpha Channel	
Image Processing	
Color Count	6
Gaussian Pyramid	Disable
bilateralFilter	
Median Filter	
Mode	Enable
Radius	3
Enhance Edge	
Vectorize	
Simplify Curve	
Fit Curves	
Radius aperture linear size.(radius)	

# Image Processing : Enhance Edge



### Enhance Edge Disable

The screenshot displays the EZImageVectorizer interface. On the left, two images of a puppy are shown side-by-side. The right image is the processed result, showing only the edges of the puppy. On the right side, the 'PropertyGrid' panel is open, showing various settings. The 'Enhance Edge' section is expanded, and the 'Mode' dropdown menu is set to 'Disable'. A red dot and line connect the 'Disable' callout box to the dropdown menu. Another red dot and line connect the 'Result' callout box to the processed image.

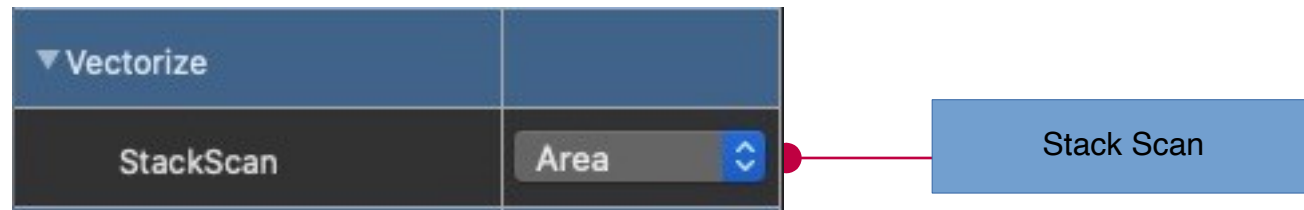
Property	Value
Alpha Channel	
Image Processing	
Color Count	6
Gaussian Pyramid	Disable
bilateral Filter	
Median Filter	
Enhance Edge	
Mode	Disable
Sigma	10
Threshold	0
Amount	100
Vectorize	
Simplify Curve	
Fit Curves	
Mode	MedianFilter Mode

### Enhance Edge Enable

The screenshot shows the EZImageVectorizer interface. On the left, there are two side-by-side images of a dog. The left image is the original, and the right image is the result of the 'Enhance Edge' process, showing a high-contrast, edge-detection style image. On the right side of the interface is a 'PropertyGrid' panel. A red dot in the 'PropertyGrid' points to the 'Enhance Edge' section, which is highlighted with a red border. A blue box labeled 'Enable' is connected to this red dot by a red line. Another red dot is placed on the bottom-left corner of the right image, with a red line connecting it to a blue box labeled 'Result'.

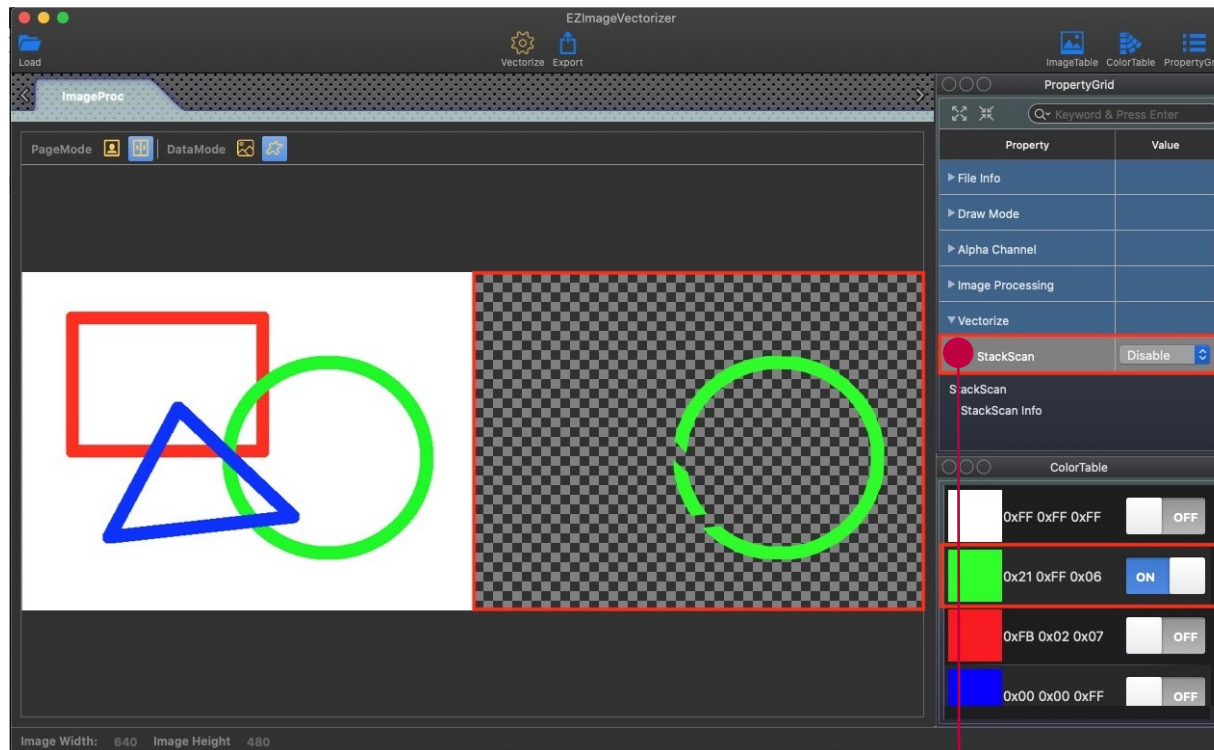
Property	Value
Alpha Channel	
Image Processing	
Color Count	6
Gaussian Pyramid	Disable
bilateralFilter	
Median Filter	
Enhance Edge	
Mode	Unsharp...
Sigma	10
Threshold	0
Amount	100
Vectorize	
Simplify Curve	
Fit Curves	
Mode	Enhance Edge Mode

# Vectorize



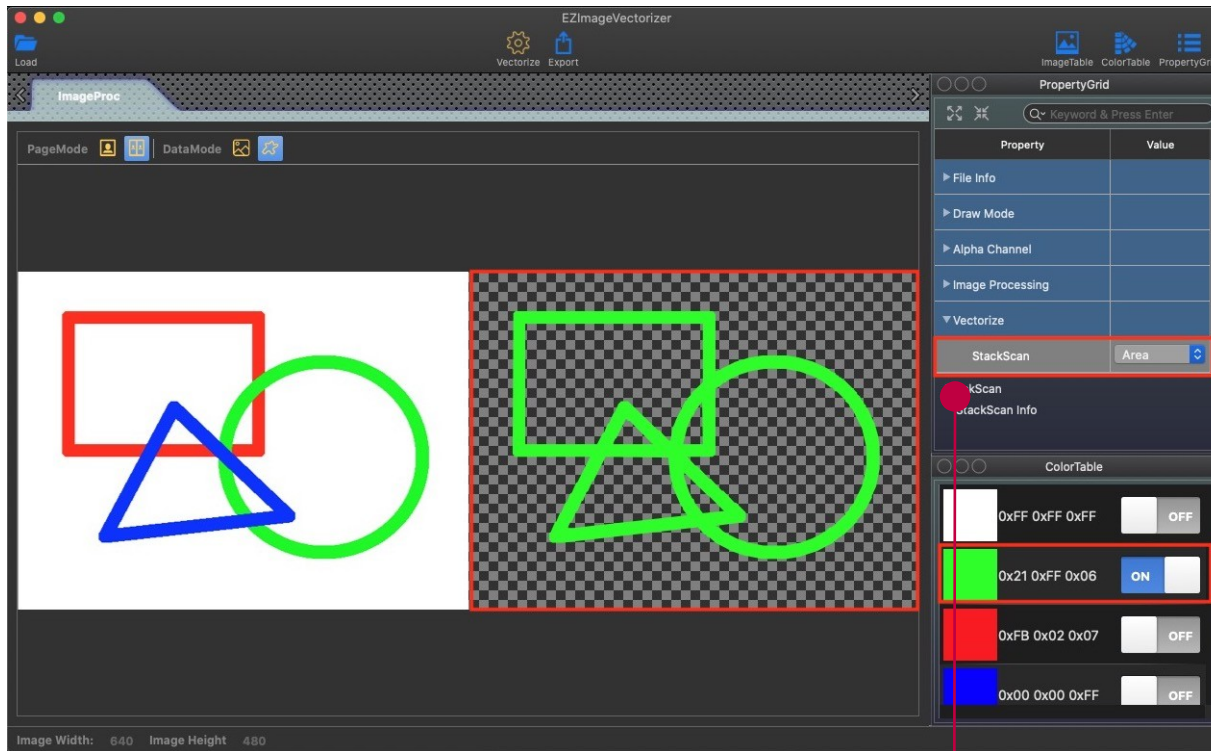


## Stack Scan Disable



Disable

### Stack Scan Enable

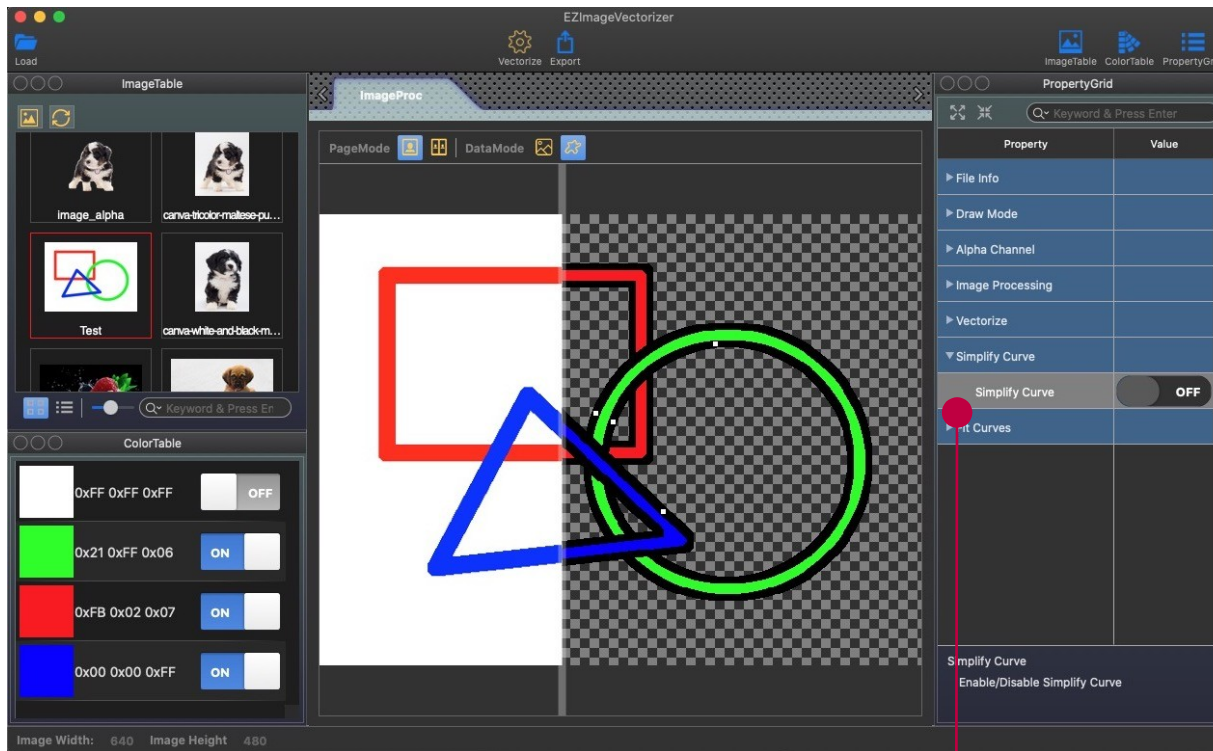


Area Mode

## Simplify Curve

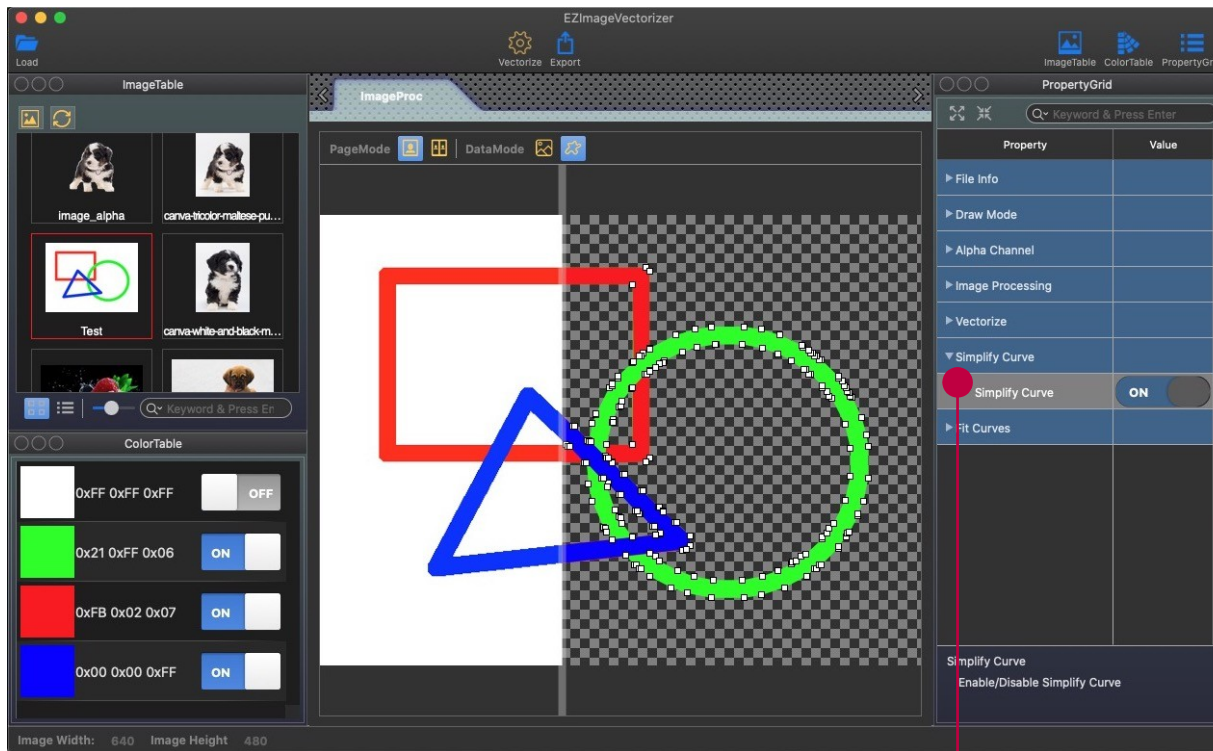


### Simplify Curve Disable



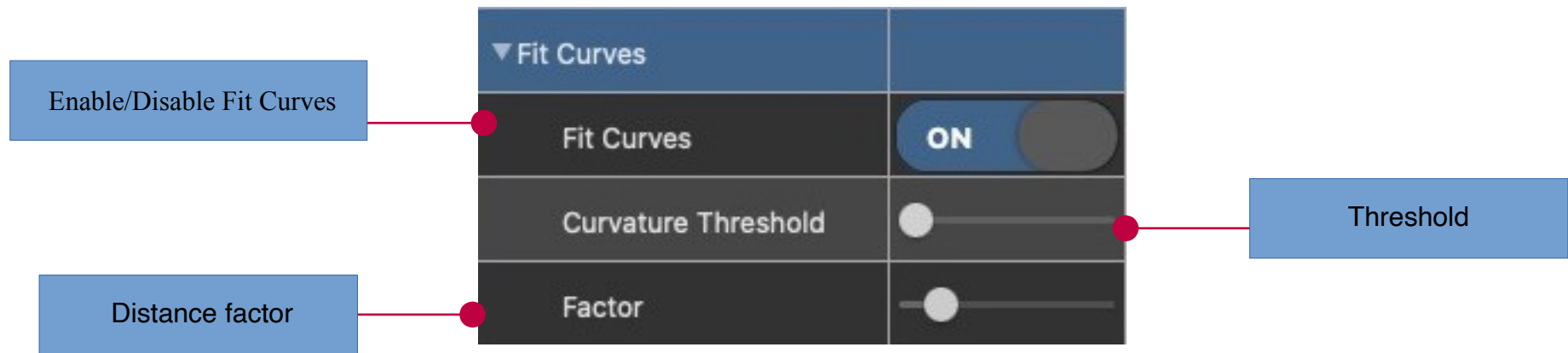
Disable

### Simplify Curve Enable

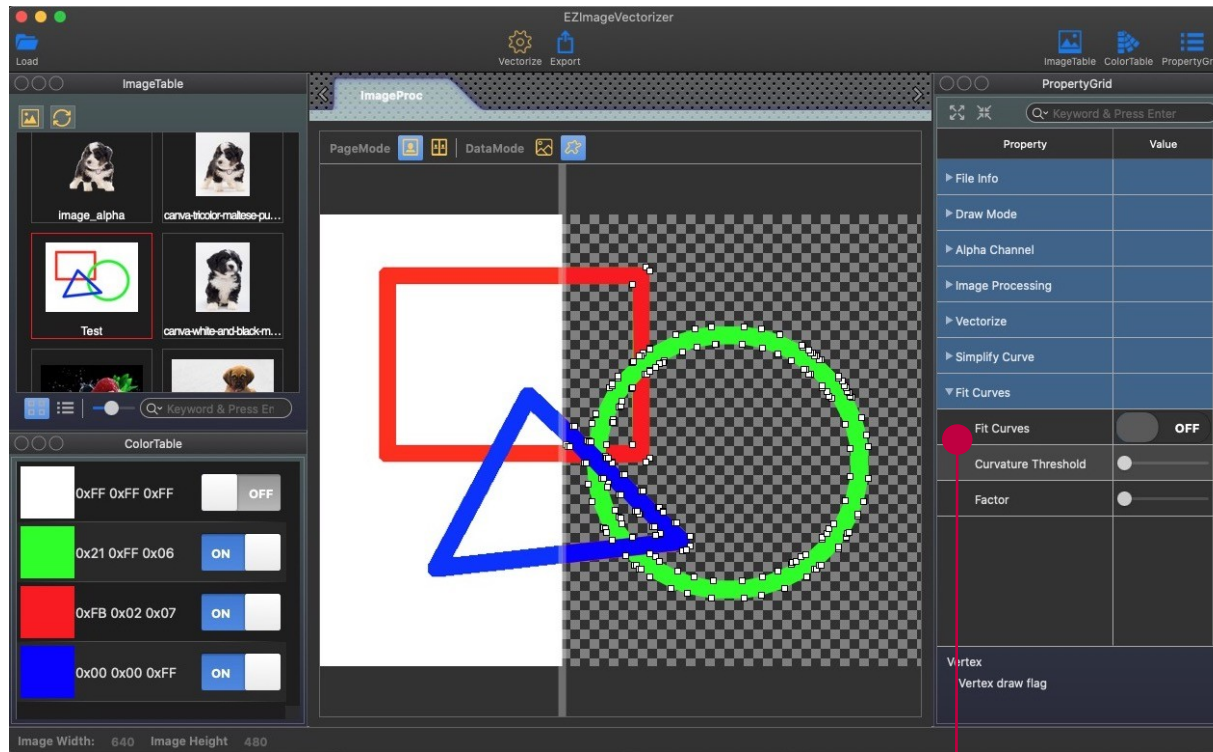


Enable

# Fit Curve

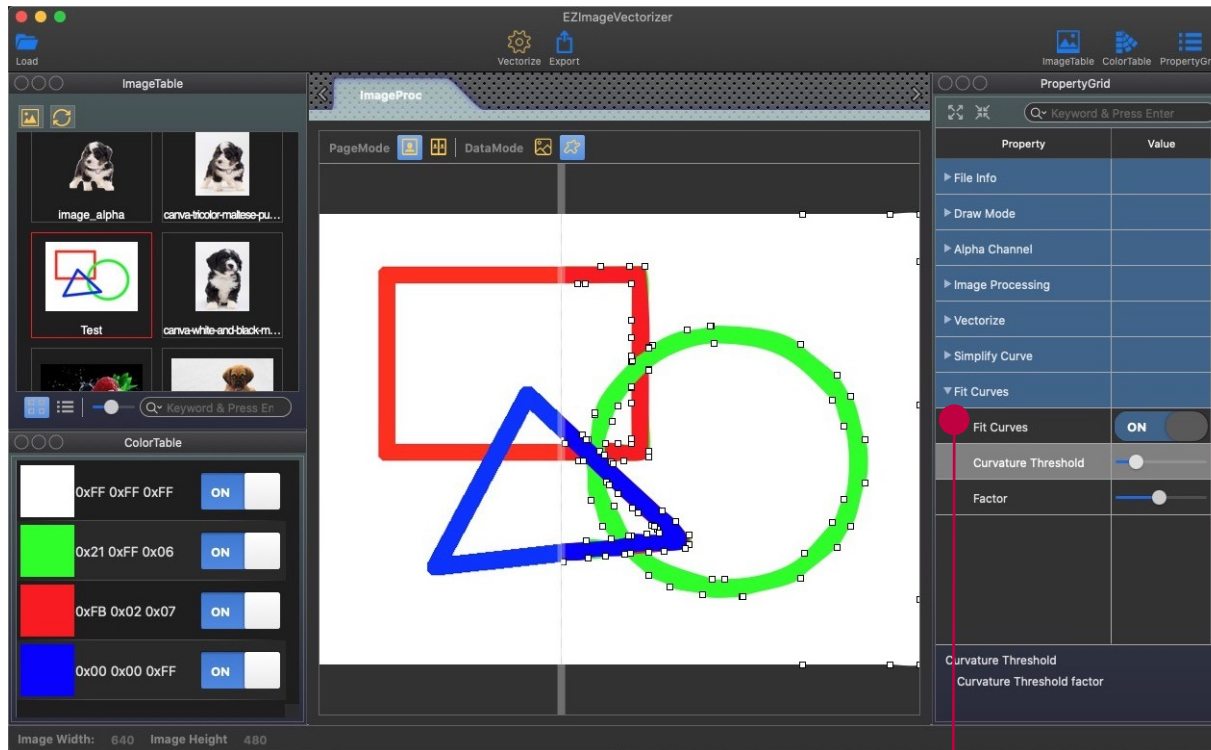


### Fit Curve Disable



Disable

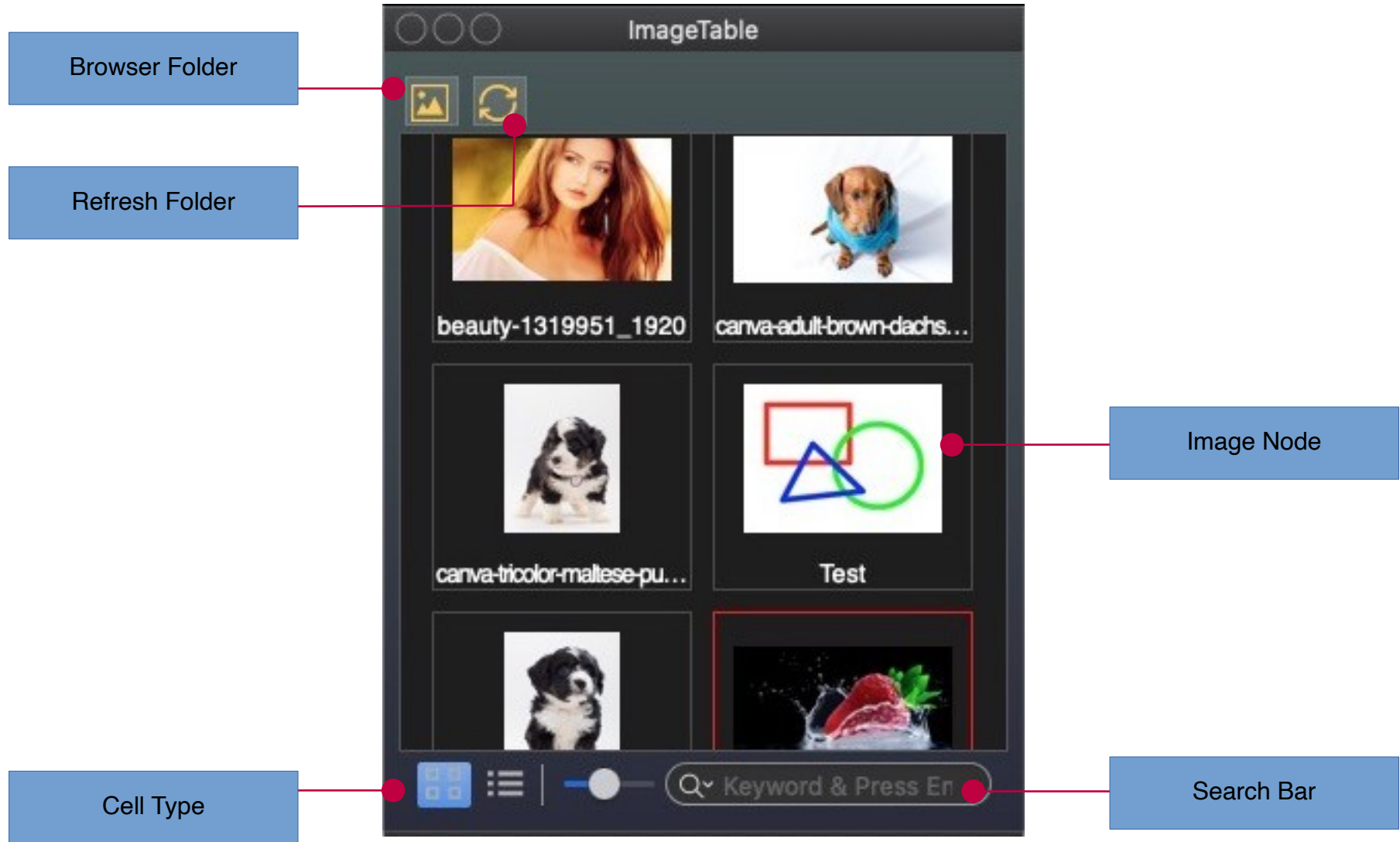
# Fit Curve Enable



Enable

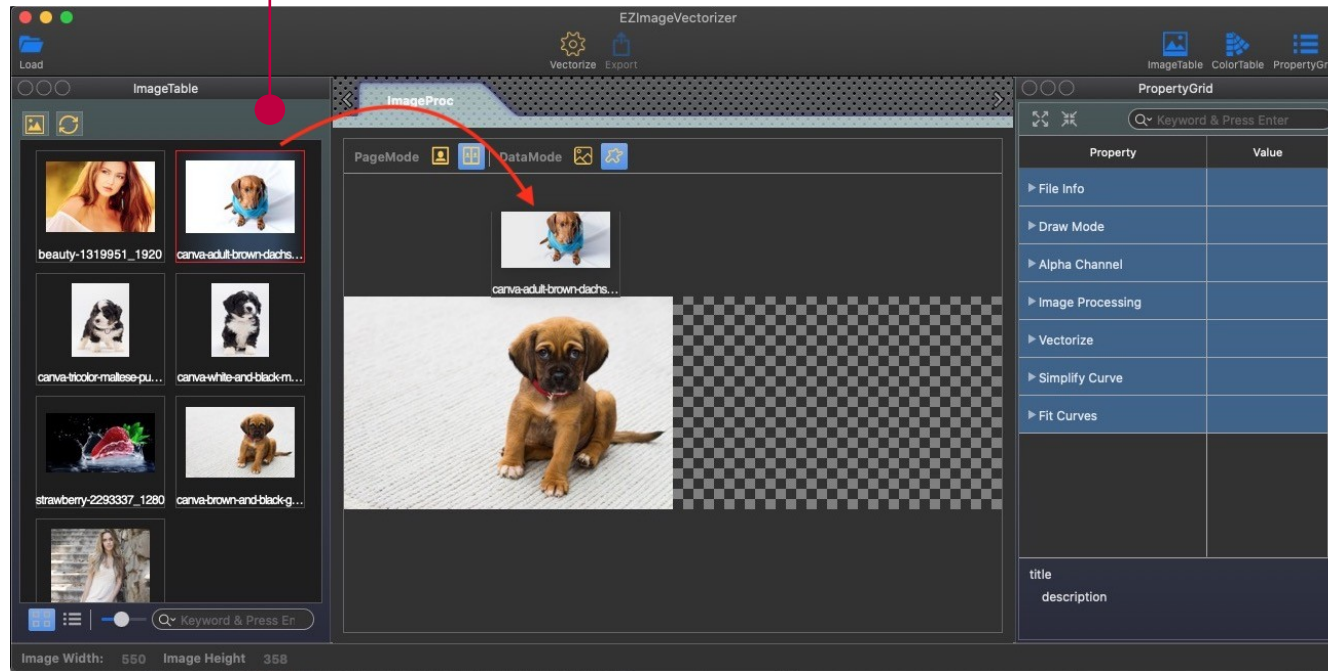


# Image Table Module

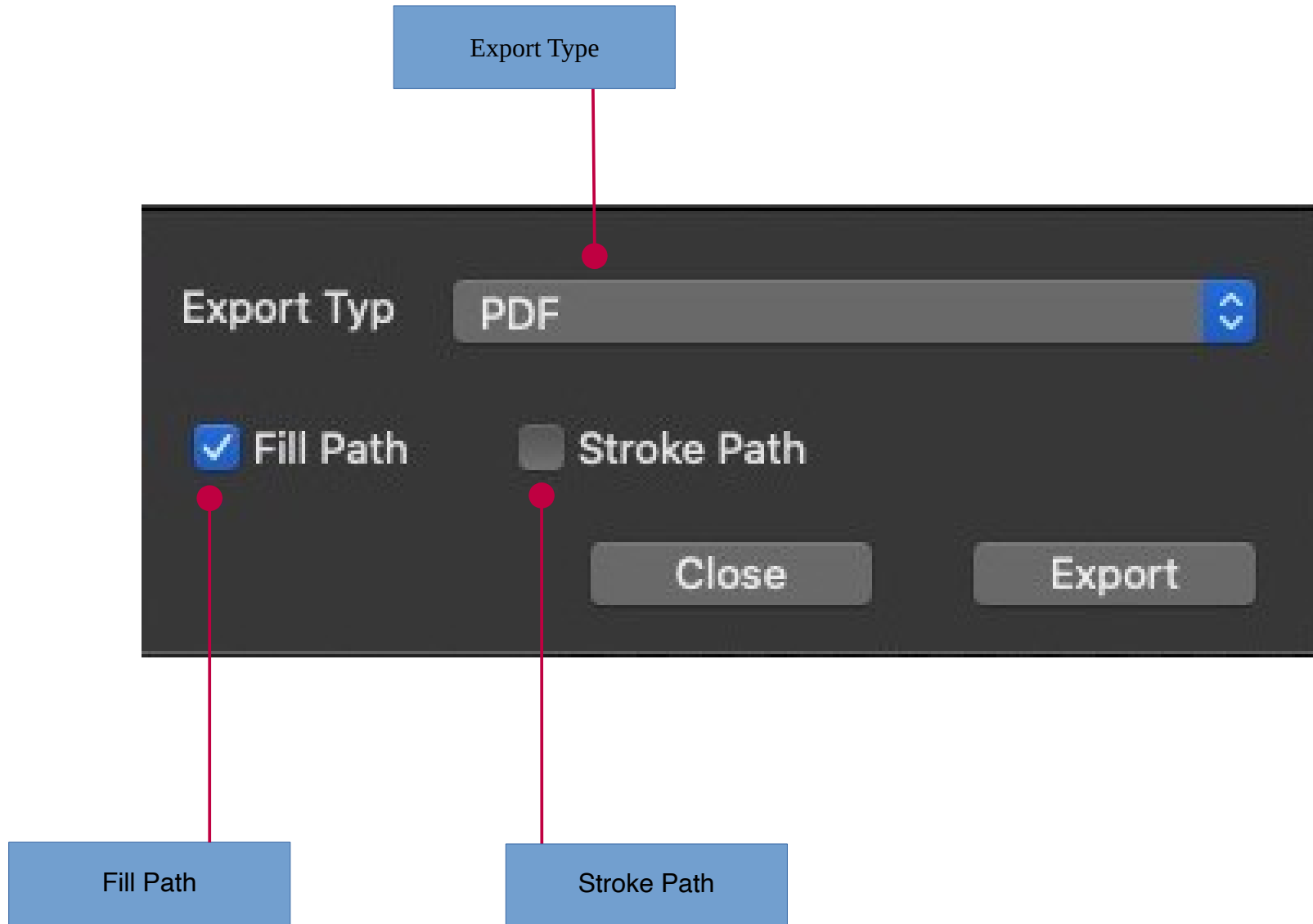


## Source Image

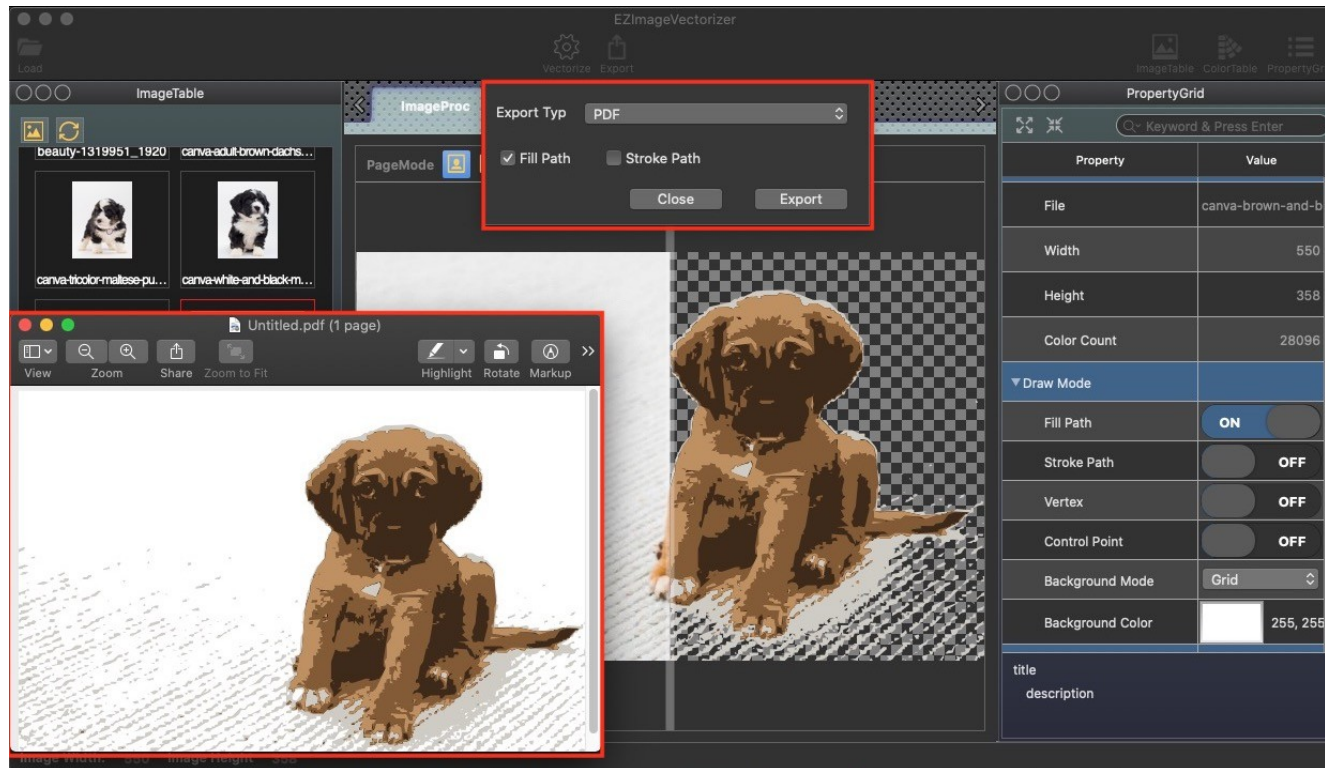
Drag to set the source image



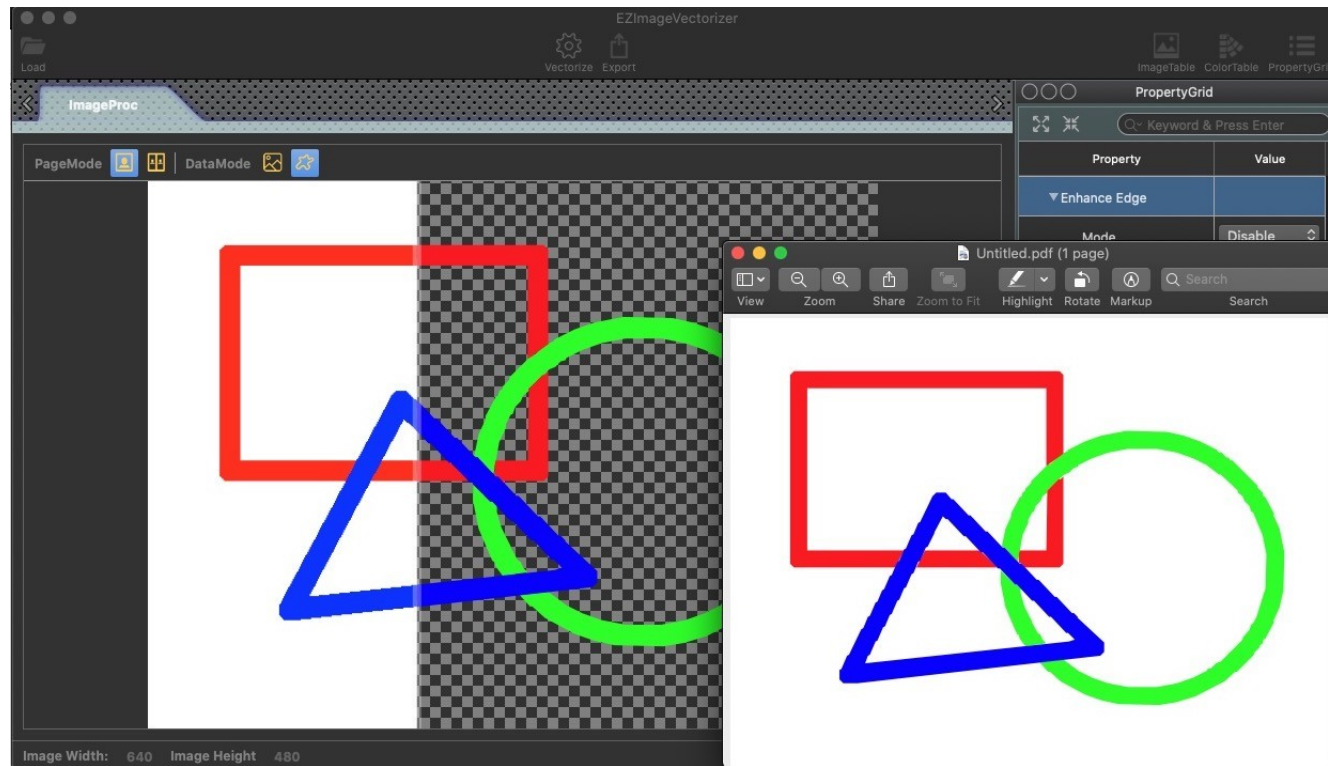
# Export Module



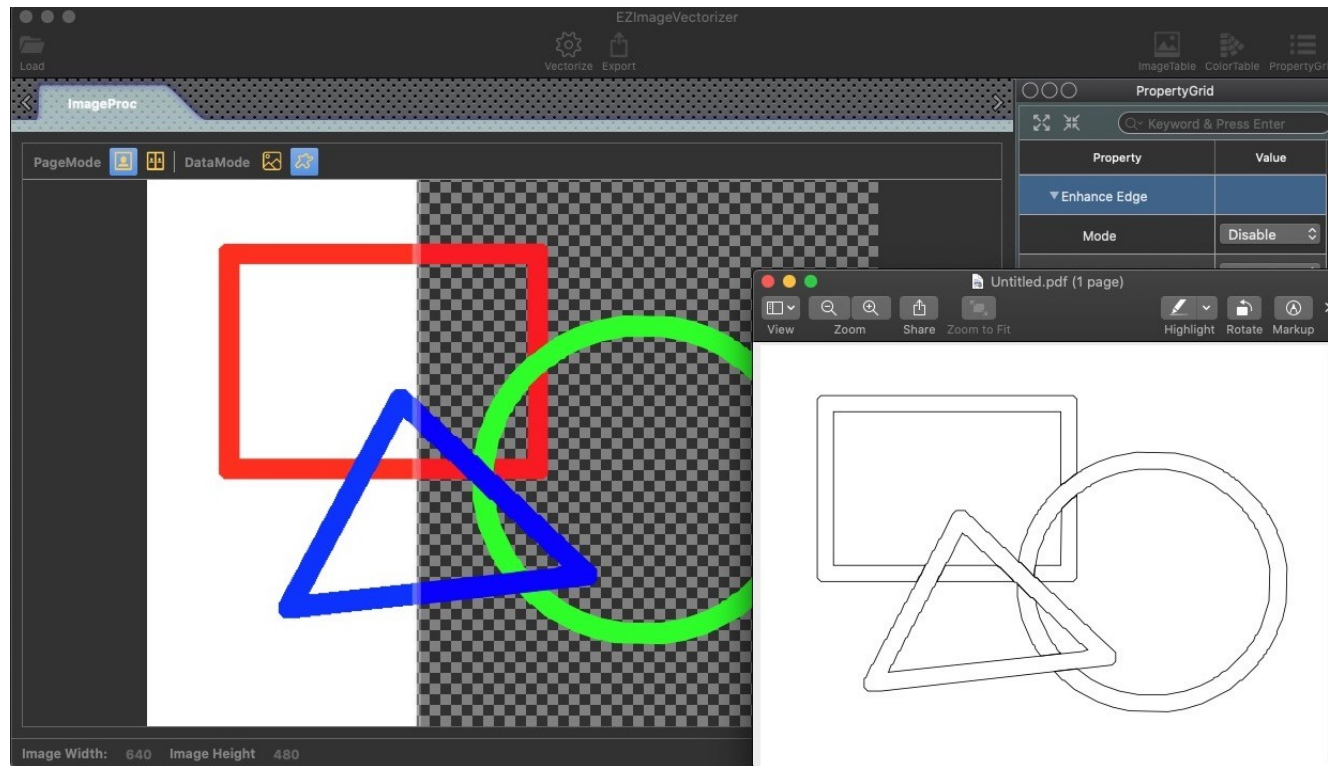
## Export



## Fill Path

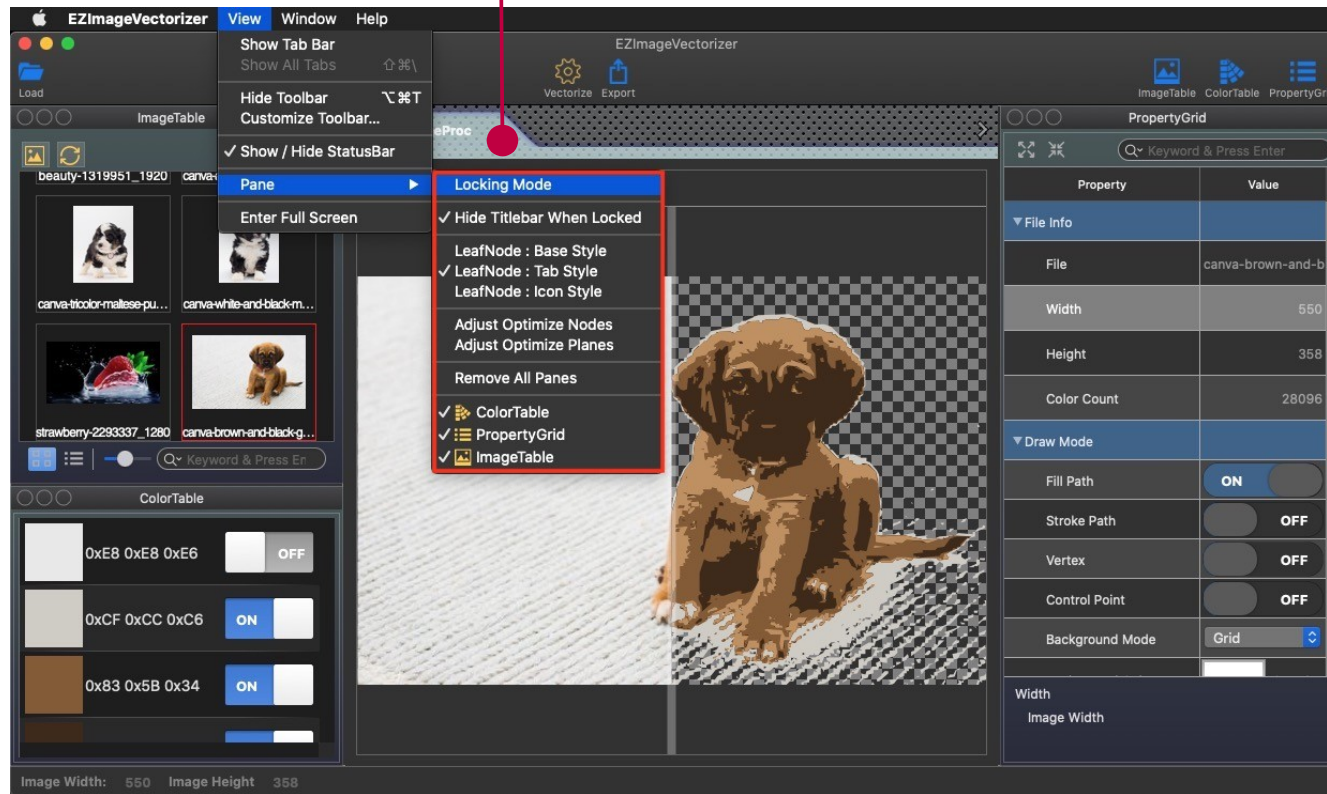


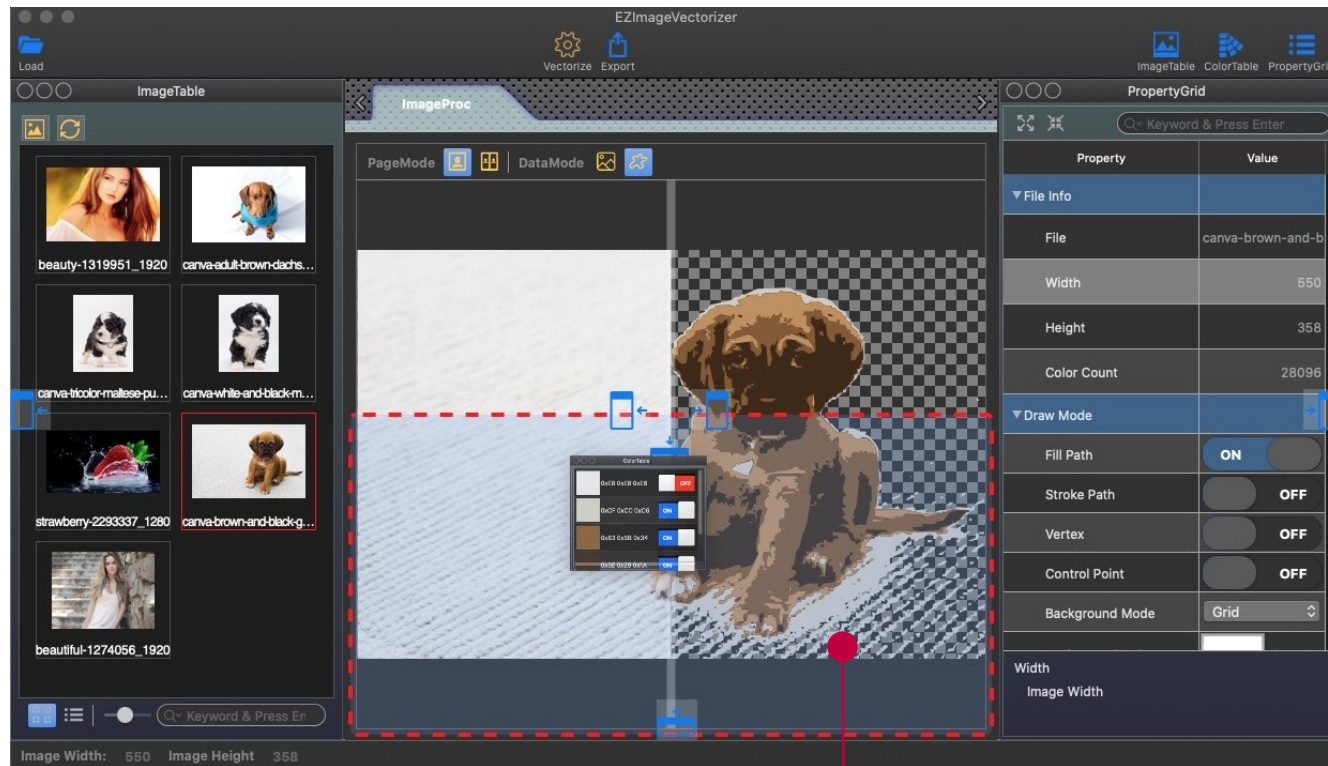
## Stroke Path



# DockableFrame Module

DockableFrame Menu

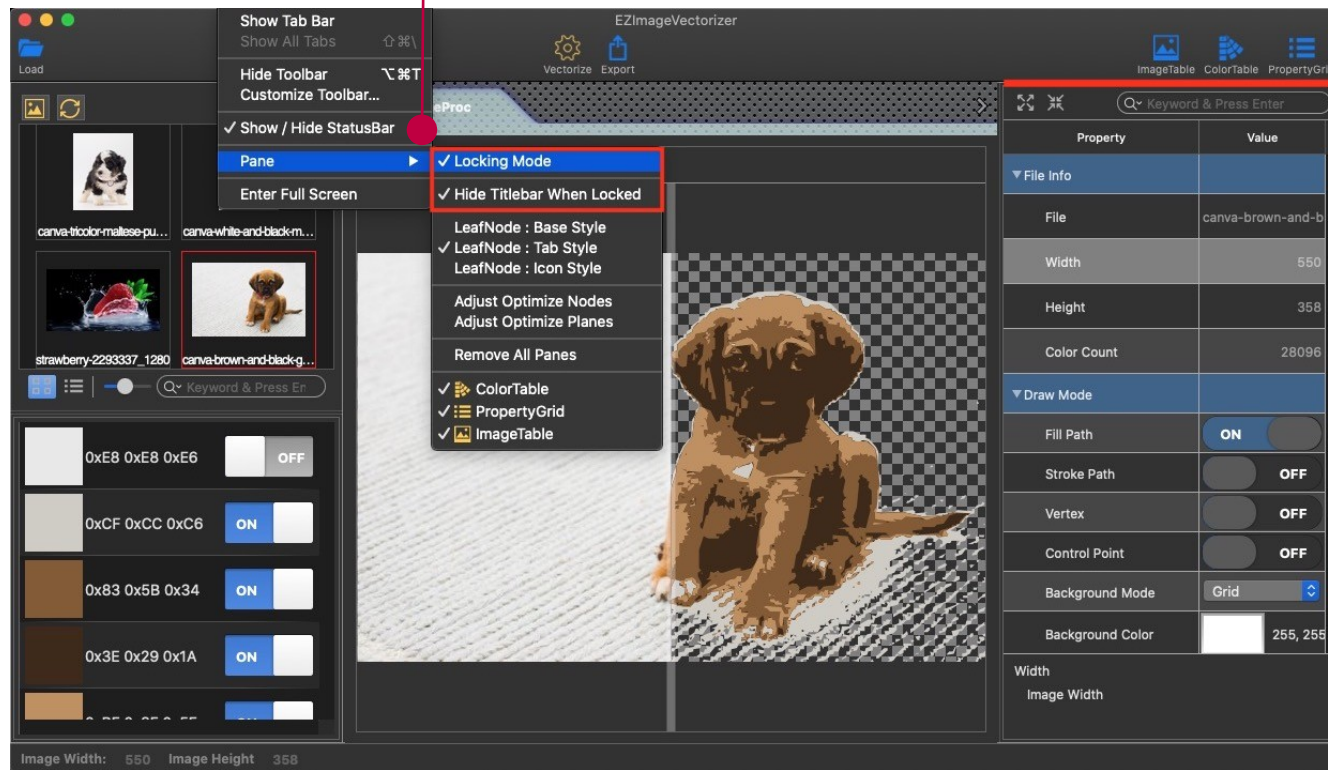




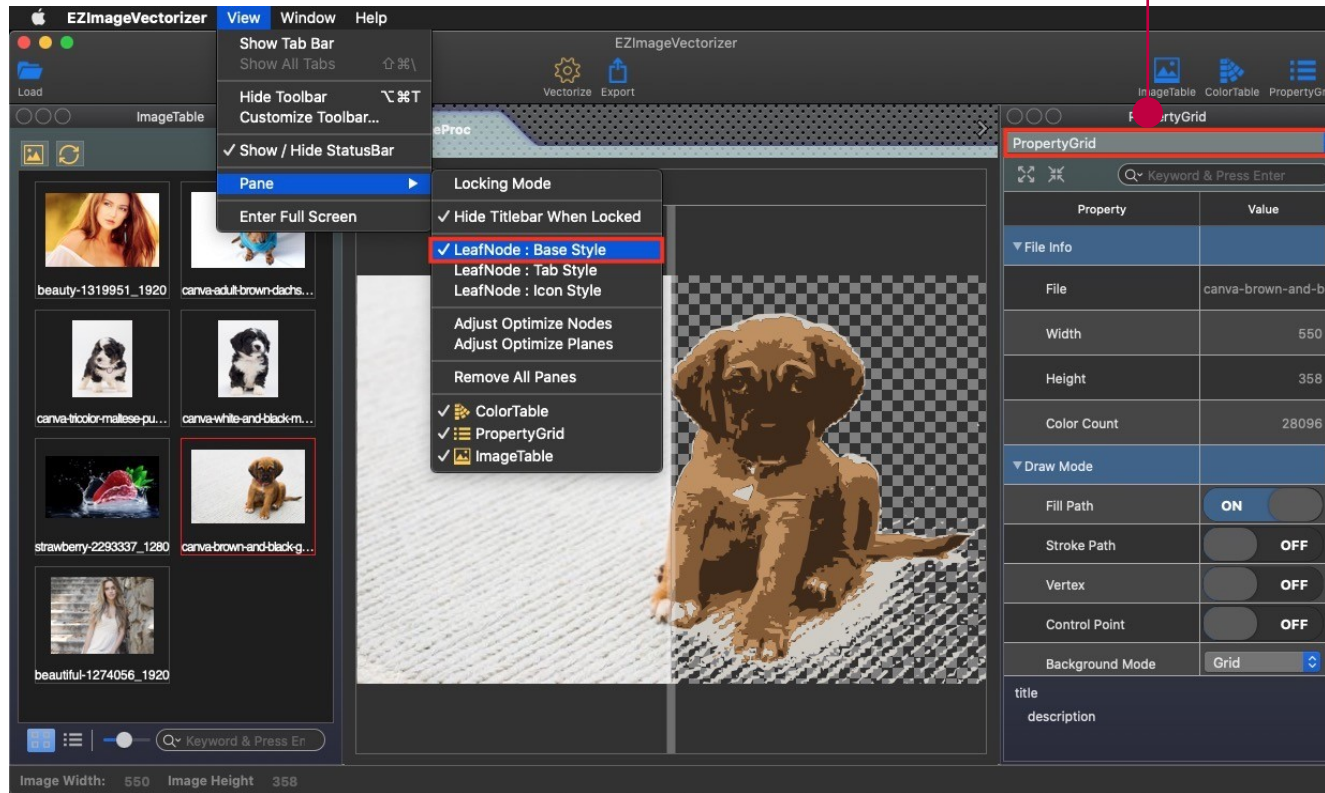
Support tool pane drag and dock



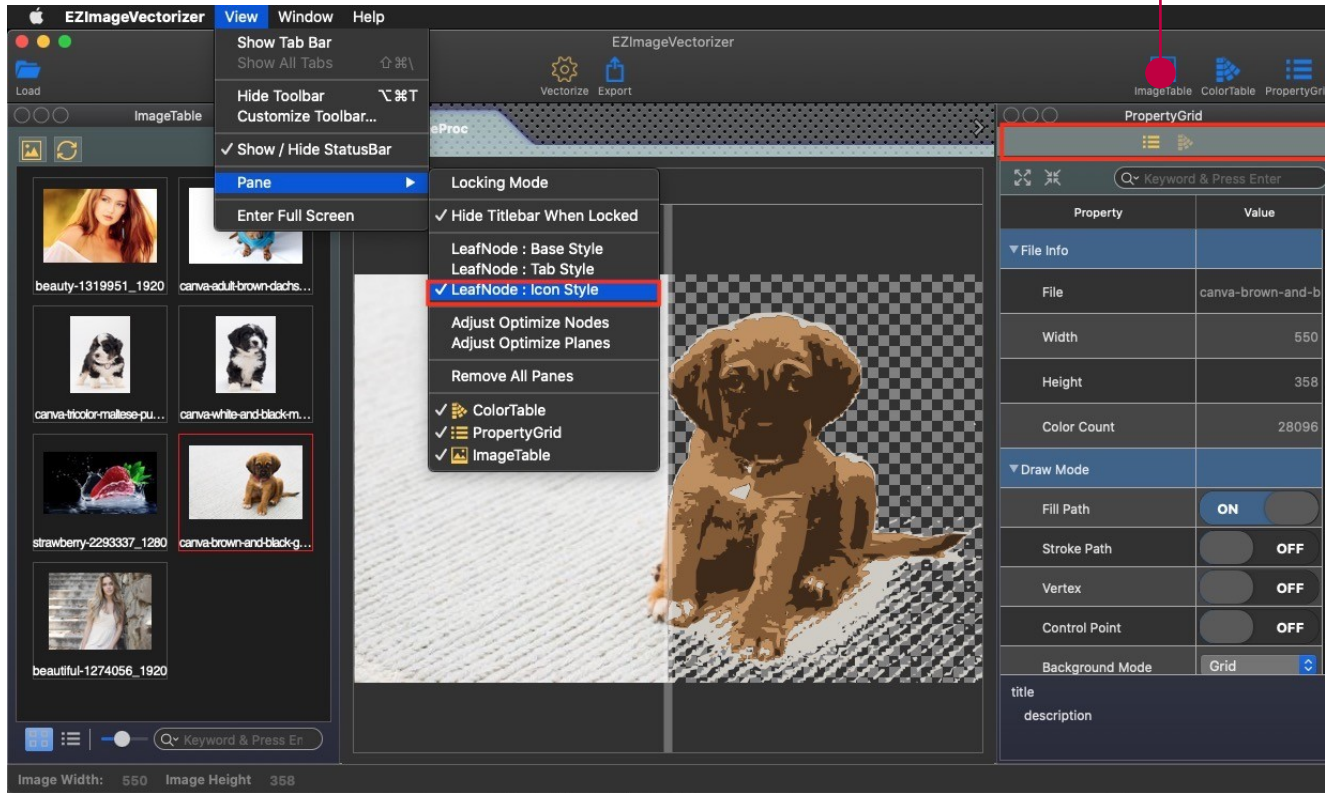
Support tool pane lock and hide title bar

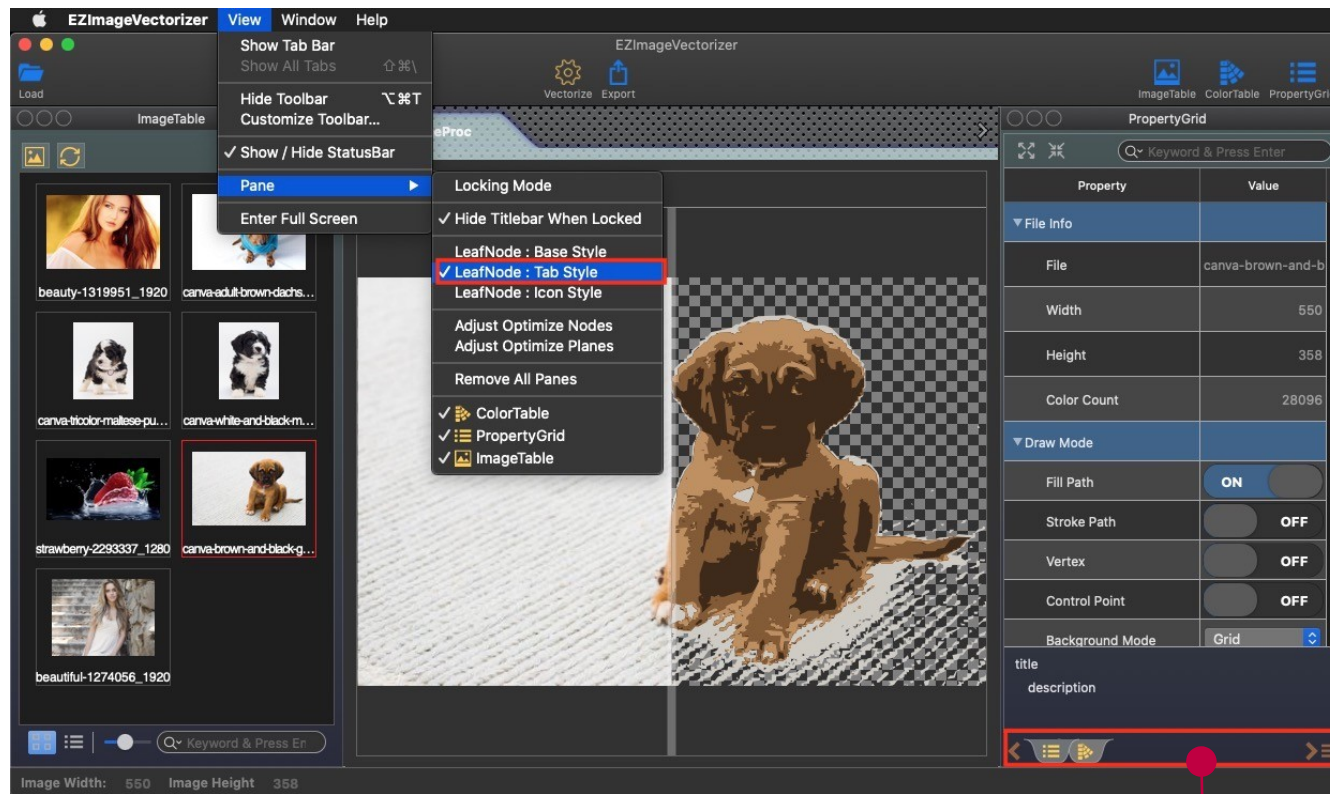


Merge pane supports base mode (PopupMenu)



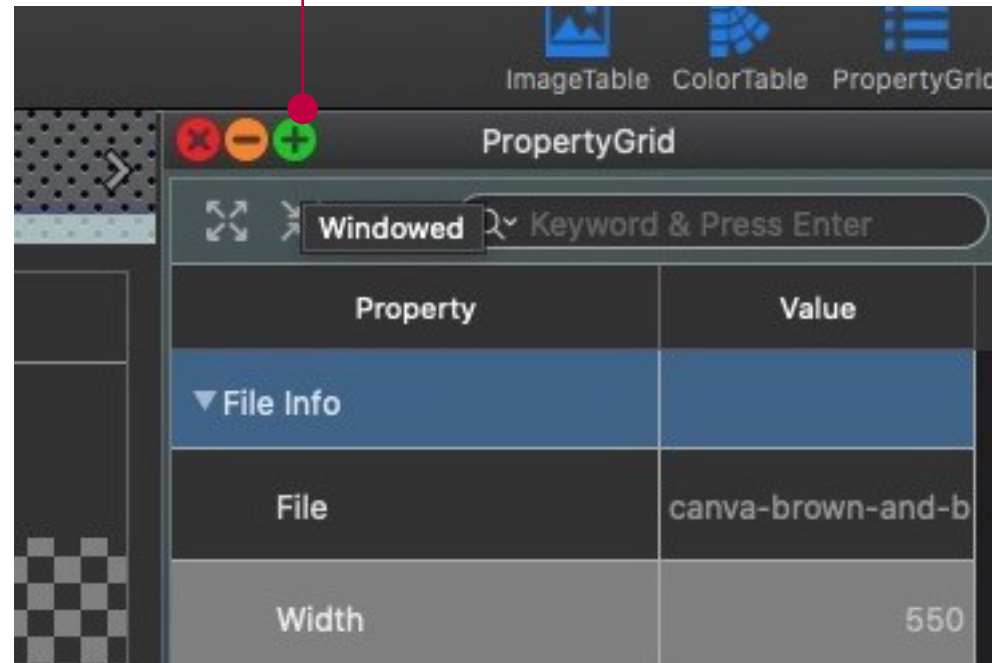
Merge pane supports icon mode

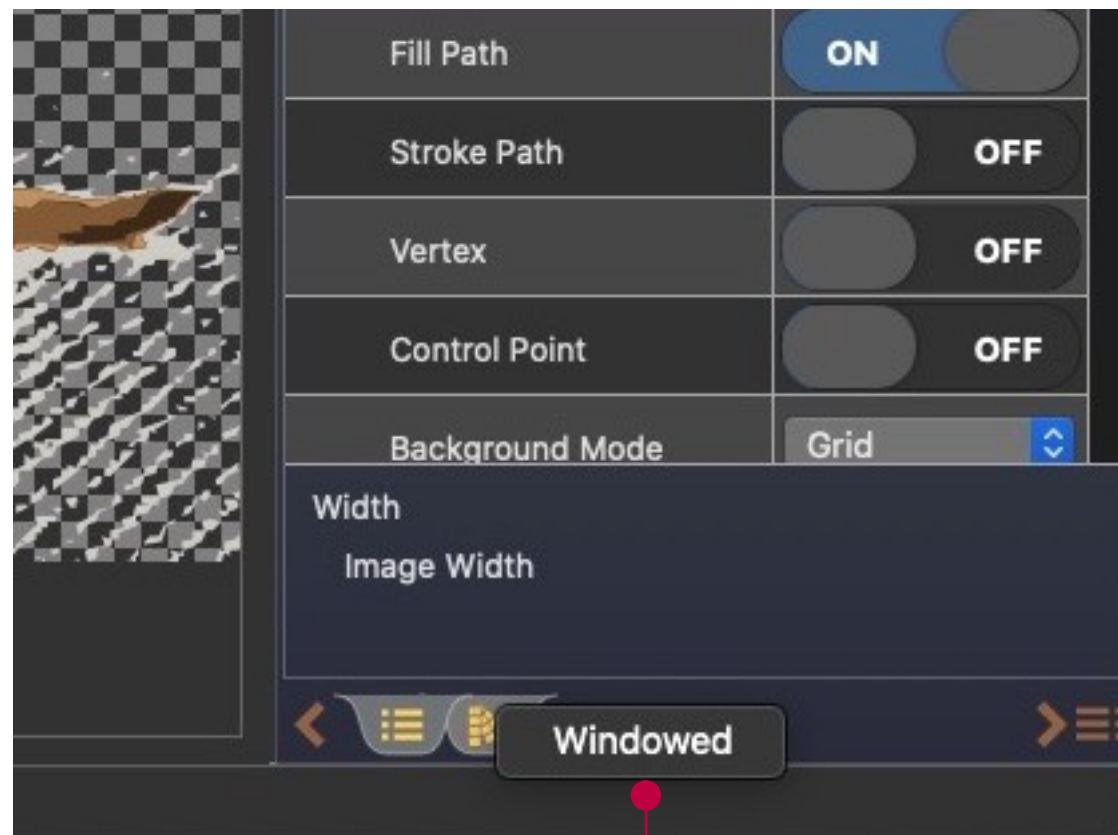




Merge pane supports tab mode (Support tab dragging tool pane)

Title bar buttons support windowed





Tab right-click menu supports windowed