

## PAINTER 2023

### Version Comparison - Windows & MAC

Feature	Painter® 2023	Painter® 2022	Painter® 2021	Painter® 2020
<b>What's New</b>				
<b>NEW!</b> Fluid : Build and Sculpt brushes	X			
<b>NEW!</b> Fluid : Paint and Blend brushes	X			
<b>NEW!</b> Paint Opacity controls in property bar	X			
<b>NEW!</b> Fluid Papers	X			
<b>NEW!</b> Color Selection control for Selection brushes	X			
<b>NEW!</b> Color Selection brushes	X			
<b>NEW!</b> Overlay mode for selections	X			
<b>NEW!</b> Overlay presets	X			
<b>NEW!</b> Selection panel	X			
<b>NEW!</b> Selection Opacity Threshold for Marquee and Overlay	X			
<b>Improved!</b> Feather Selection upto 2000px	X			
<b>Improved!</b> Cursors for Polygon and Lasso select tools	X			
<b>Brush types</b> All previous brush libraries available free via welcome book				
Acrylics	X	X	X	X
Airbrushes	X	X	X	X
Blenders	X	X	X	X
Calligraphy	X	X	X	X
Chalks	X	X	X	X
Charcoal	X	X	X	X
Cloners	X	X	X	X
Clone Tinting	X	X	X	
Conte	X	X	X	X
Erasers	X	X	X	X
F-X	X	X	X	X
Gouache	X	X	X	X
Glazing	X	X	X	X
Image Hose	X	X	X	X
Graphic	X	X	X	X

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Impasto	X	X	X	X
Inks	X	X	X	X
Liquify	X	X	X	X
Markers	X	X	X	X
Oils	X	X	X	X
Oils : Bravura	X	X		
Pastels	X	X	X	X
Palette Knives	X	X	X	X
Particles	X	X	X	X
Pattern Pens	X	X	X	X
Pens	X	X	X	X
Pencils	X	X	X	X
Sargent	X	X	X	X
Selection brushes	X	X	X	X
Smart Strokes	X	X	X	X
Stamps	X	X	X	X
Sponges	X	X	X	X
Sumi-e	X	X	X	X
Sumi-e : Watercolor	X	X		
Texture Brushes	X	X	X	X
Thick Paint	X	X	X	X
Thick Paint Compatible	X	X		
Watercolors	X	X	X	X
<b>Color Tools</b>				
Color harmonies	X	X	X	X
Color ramps in sliders	X	X	X	X
Color mixer	X	X	X	X
Color wheel	X	X	X	X
Color sets	X	X	X	X
Color picker	X	X	X	X
Gradients	X	X	X	X
<b>Photo Art Tools</b>				
Artificial Intelligence Styles	X	X	X	
AI Presets	X	X	X	
Clone Tinting	X	X	X	
Quick Clone	X	X	X	X
Cloning with image, texture or pattern	X	X	X	X
Multiple clone sources	X	X	X	X

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Resize clone sources	X	X	X	X
Transparency Cloning Support	X	X	X	X
Smart Stroke auto painting	X	X	X	X
Tracing Paper	X	X	X	X
Photo Restoration	X	X	X	X
<b>User Interface</b>				
Brush filters	X	X		
Brush favorites	X	X		
Brush size library	X	X		
Photo art quick palette	X	X	X	
Thick Paint layer controls	X	X	X	
Watercolor layer controls	X	X	X	
Layer compatibility icons	X	X	X	
Full View and Narrow brush selector panels	X	X	X	X
Inline dab and stroke previews	X	X	X	X
Advanced brush controls	X	X	X	X
Dark user interface	X	X	X	X
650+ redesigned application icons	X	X	X	X
Brush hints	X	X	X	X
Customizable palettes	X	X	X	X
Artist layouts	X	X	X	X
Context sensitive property bars	X	X	X	X
Visual tooltips	X	X	X	X
Command Bar	X	X	X	X
Customizable Workspaces & Layouts	X	X	X	X
Customizable keyboard shortcuts	X	X	X	X
Reference Image	X	X	X	X
Image Navigator	X	X	X	X
Clone Source Palette	X	X	X	X
<b>Layers</b>				
Lock, Move and Convert multiple layers	X	X		
Color Dodge blend mode	X	X		
Color Burn blend mode	X	X		
Spotlight Layer	X	X		
Clear layer content with Delete	X	X		
Layer blend modes	X	X	X	X
Group, Collapse Layers	X	X	X	X

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Pick up underlying color	X	X	X	X
Preserve Transparency	X	X	X	X
Layer Opacity	X	X	X	X
Layer Masks	X	X	X	X
Convert layer to Thick Paint or Watercolor Layers	X	X	X	X
Lift Canvas to Watercolor or Thick Paint layer	X	X	X	X
<b>Tools &amp; Effects</b>				
<b>NEW!</b> Grayscale in Navigator	X	X		
Layer Adjuster	X	X	X	X
Drag to Zoom	X	X	X	X
Fill Tool	X	X	X	X
Transform	X	X	X	X
Selection Tool & Brush	X	X	X	X
Customizable Papers & Flow Maps	X	X	X	X
Flip and rotate canvas	X	X	X	X
Interactive brush editing	X	X	X	X
Perspective Guides	X	X	X	X
Divine Proportion	X	X	X	X
Layout Grid	X	X	X	X
Paint with Symmetry	X	X	X	X
Vector Shapes	X	X	X	X
Text	X	X	X	X
Rulers	X	X	X	X
Surface Lighting & Texture	X	X	X	X
Apply Effects	X	X	X	X
Texture Synthesis	X	X	X	X
Interactive Gradient tool & Express Painting	X	X	X	X
<b>Performance</b>				
GPU, CPU and Neon acceleration for Fluid Paint	X			
Enhanced Cover methods	X	X		
Improved Edge Quality (circular and captured dab brushes)	X	X		
Enhanced Brush smoothing	X	X		
GPU acceleration for new and enhanced cover methods	X	up to 50x faster		
Enhanced Performance of erasers & other brush engines	X	up to 2x faster		
Enhanced Impasto brushes	X	up to 2.4x faster		

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Brush Accelerator™	X	X	X	X (introduced)
GPU acceleration for stamp brushes	X	X	up to 20x faster	X (introduced)
Improved Drip & Liquid (Sargent) brush technologies	X	X	up to 4x faster	
Faster brush and tool switching	X	X	X	
Texture brush technologies	X	X	up to 2x faster	
Improved document manipulation	X	X	X	up to 5x faster
Improved pan, zoom and rotate speed	X	X	X	X
<b>Support &amp; Compatibility</b>				
Apple Silicon with Rosetta 2	X	X	X	
Apple Sidecar support	X	X	X	
Apple Pencil support	X	X	X	
Apple Touch Bar support	X	X	X	
Apple Trackpad two-finger gesture support	X	X	X	
Multi-Core support	X	X	X	X
Wintab and RTS Support	X	X	X	X
Windows touch support	X	X	X	X
Adobe Photoshop support (PSD)	X	X	X	X
Color Management support	X	X	X	X
2-in-1 or dual personality	X	X	X	X
64-bit Mac and Windows	X	X	X	X
<b>Content</b>				
Captured dab library & workflow	X	X		
Patterns	X	X	X	X
Flow Maps	X	X	X	X
Gradients	X	X	X	X
Images	X	X	X	X
Looks	X	X	X	X
Nozzles	X	X	X	X
Papers	X	X	X	X
Selections	X	X	X	X
Textures	X	X	X	X
Weaves	X	X	X	X
<b>Learning materials and Documentation</b>				
Quick Start Guide	X	X	X	X
User Guide	X	X	X	X

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**Painter**® 2023

Welcome Book tutorials	<b>X</b>	X	X	X
Help Topics	<b>X</b>	X	X	X
Hints	<b>X</b>	X	X	X