

Composition Techniques Guide

CSS Blend Modes & mix-blend-mode Mastery

About This Document

This reference accompanies the article: CSS Blend Modes & mix-blend-mode Mastery

Read the full article at: <https://svgeneration.com/docs/css-blend-modes>

Article Summary

Use CSS blend modes to layer SVG patterns over photos and colours for stunning, non-destructive visual effects.

Background-Blend-Mode for In-Element Layering

background-blend-mode is simpler it blends background layers within one element. Stack a gradient over an SVG pattern: the gradient layer can use multiply to add a colour wash, or overlay to add contrast and depth. This technique requires no extra DOM elements.

Performance of Blend Modes

Blend modes trigger GPU compositing. When applied to elements that scroll or animate, they create new composite layers which can increase GPU memory usage significantly. Limit blend modes to non-scrolling elements where possible. Never apply mix-blend-mode inside overflow: scroll containers on mobile the compositing cost causes frame drops.

Free Resources

Visit SVGeneration.com for 600 free SVG background patterns. No attribution required.

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