

Gradient Syntax Cheat Sheet

SVG Gradients: Linear, Radial & Mesh

About This Document

This reference accompanies the article: SVG Gradients: Linear, Radial & Mesh

Read the full article at: <https://svgeneration.com/docs/svg-gradients-complete-guide>

Article Summary

Master every type of SVG gradient from simple two-stop linears to complex multi-stop radials and experimental mesh gradients.

linearGradient Syntax

SVG linear gradients are defined in `<defs>` with `<linearGradient>`. The gradient direction is controlled by `x1`, `y1`, `x2`, `y2` attributes (as fractions 01). Color stops use the `<stop>` element with offset (0100% or 01) and `stop-color/stop-opacity` attributes.

Code example:

radialGradient: Glow & Spotlight Effects

Radial gradients radiate from a focal point. The `cx`, `cy` attributes set the gradient centre; `r` controls the radius. The `fx`, `fy` focal point can be offset from the centre to create a spotlight or lens-flare effect. Setting `fy` to a negative value (e.g., `fy="-50%"`) pushes the brightest spot above the element for a natural top-lit look.

Free Resources

Visit [SVGeneration.com](https://svgeneration.com) for 600 free SVG background patterns. No attribution required.

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