

Responsive Pattern Checklist

Responsive Patterns & Design System Integration

About This Document

This reference accompanies the article: Responsive Patterns & Design System Integration

Read the full article at: <https://svgeneration.com/docs/responsive-patterns-design-systems>

Article Summary

How to build a scalable pattern library with design tokens, dark mode support, and fluid responsive behaviour.

Dark Mode Patterns

Use `@media (prefers-color-scheme: dark)` to switch pattern colours. Two approaches: (1) Override background-color in dark mode if your pattern uses opacity, the new background colour will tint the pattern automatically. (2) Provide a separate dark-mode data URI. Approach 1 is far simpler when patterns use opacity-based foregrounds.

Component-Level Pattern Tokens

Don't assign raw colour values to pattern CSS always go through tokens. Define a `--surface-pattern-light` and `--surface-pattern-dark` token that maps to your colour palette tokens. This means a single change to your palette propagates automatically to every patterned surface in your design system.

Theming with data Attributes

Use data-theme attributes on the root element to support multiple themes beyond just light/dark. Teams building SaaS products can expose theme switching to users each theme overrides the pattern colour tokens. The pattern SVGs themselves never change; only the CSS token values do.

Free Resources

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

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