Blue Shades Theme Implementation Guide

Color System

Primary Palette - Classic Blue

- (--blue-50): (#EFF9FF) Lightest blue, used for subtle backgrounds
- (--blue-100): (#E8F1F9) Very light blue, used for card backgrounds
- (−−blue−200): (□ #B8E8FF) Light blue, used for hover states
- (--blue-300): (□ #8DDAFF) Medium-light blue, used for secondary elements
- (--blue-400): (□ #6AB6E8) Medium blue, used for active states
- (--blue-500): (■#468FD1) Medium-dark blue, used for icons
- (--blue-600): #1E56A0) Dark blue (PRIMARY), used for buttons, links
- (--blue-700): (■ #163172) Very dark blue, used for text on light backgrounds
- (−−blue−800): (■ #0F3460) Extra dark blue, used for headers
- (--blue-900): (■#192A56) Darkest blue, used for backgrounds in dark mode

Secondary Palette - Sky Blues

- (--sky-50): (#F2F9FF) Lightest sky blue
- (--sky-100): (#DEF3FF) Very light sky blue
- (--sky-200): (#C4E0FF) Light sky blue
- —sky-300: □#97C6F5 Medium-light sky blue
- (−-sky-400): (□#5DA9E9) Medium sky blue (SECONDARY)
- (--sky-500): (#4C9AFF) Medium-dark sky blue
- (--sky-600): (#3C6CD2) Dark sky blue
- (--sky-700): (#2C72CC) Very dark sky blue
- (--sky-900): (■#0F1A2F) Darkest sky blue

Accent Palette - Teal Blue

- (--teal-50): (#EEFBFB Lightest teal blue
- (--teal-100): (□ #E5F7F9) Very light teal blue
- (--teal-200): (#CCF0F2) Light teal blue
- (--teal-300): (#86E5EF) Medium-light teal blue

- (--teal-400): (□ #56B9C5) Medium teal blue (ACCENT)
- (--teal-500): (■ #2B909E) Medium-dark teal blue
- (--teal-600): (■ #1A5D68) Dark teal blue
- (--teal-700): (■ #164D56) Very dark teal blue
- (--teal-800): (■ #103B42) Extra dark teal blue
- (--teal-900): (■ #0A262A) Darkest teal blue

Gray Scale Palette

- (--gray-50): () #FFFFFF White
- (--gray-100): (#F8FAFC) Off-white
- (--gray-200): (○ #E2E8F0) Very light gray
- (--gray-300): (#CBD5E1) Light gray
- (--gray-400): (□ #94A3B8) Medium light gray
- (--gray-500): (■ #64748B) Medium gray
- (--gray-600): (■ #475569) Medium dark gray
- (--gray-700): (#334155) Dark gray
- (--gray-800): (■ #1E293B) Very dark gray
- (--gray-900): (■ #0F172A) Almost black

Semantic Color Aliases

- (--primary): var(--blue-600) Main brand color
- (--primary-light): var(--blue-400) Lighter version of primary
- (--primary-dark): var(--blue-700) Darker version of primary
- (--secondary): var(--sky-400) Secondary color
- (--secondary-light): var(--sky-300) Lighter version of secondary
- —secondary—dark: var(--sky-500) Darker version of secondary
- (--accent): var(--teal-400) Accent color
- —accent-light: var(--teal-300) Lighter version of accent
- (--accent-dark): var(--teal-500) Darker version of accent
- (--success): (#22C55E) Success actions/alerts
- —warning: #F59E0B Warning actions/alerts
- (--error): (#EF4444) Error actions/alerts
- —info: var(--blue-500) Information alerts

Typography

Font Family

- Base Font: ('Inter', sans-serif) Use for all text
- Monospace: ('Monaco', 'Consolas', monospace) Use for code blocks

Font Weights

- (--weight-light): 300 Light text
- (--weight-normal): 400 Regular text
- (--weight-medium): 500 Medium emphasis
- (--weight-semibold): 600 Semi-bold headings, buttons
- (--weight-bold): 700 Bold headings, important text
- (--weight-extrabold): 800 Extra bold display text

Font Sizes

- (--text-xs): clamp(0.7rem, 0.7rem + 0.1vw, 0.75rem) Extra small text
- (--text-sm): clamp(0.75rem, 0.75rem + 0.25vw, 0.875rem) Small text
- (--text-base): clamp(0.875rem, 0.875rem + 0.25vw, 1rem) Base text
- (--text-md): clamp(1rem, 1rem + 0.5vw, 1.125rem) Medium text
- (--text-lg): clamp(1.125rem, 1.125rem + 0.5vw, 1.25rem) Large text
- (--text-x1): clamp(1.25rem, 1.25rem + 0.5vw, 1.5rem) Extra large text
- (--text-2x1): clamp(1.5rem, 1.5rem + 1vw, 1.875rem) 2x large text
- (--text-3x1): clamp(1.875rem, 1.875rem + 1vw, 2.25rem) 3x large text
- $\left(--\text{text-4xl}\right)$: clamp(2.25rem, 2.25rem + 1.5vw, 3rem) 4x large text

Heading Sizes

- (--text-h1): var(--text-4xl) Main page headings
- —text-h2: var(--text-3xl) Section headings
- —text-h3: var(--text-2xl) Subsection headings
- (--text-h4): var(--text-xl) Card headings
- —text-h5: var(--text-lg) Small section headings
- (--text-h6): var(--text-md) Smallest headings

Line Heights

• — leading—none : 1 - No line height (use sparingly)

- (--leading-tight): 1.2 Tight spacing for headings
- (--leading-snug): 1.375 Snug spacing
- (--leading-normal): 1.5 Normal spacing for body text
- —leading-relaxed): 1.625 Relaxed spacing
- (--leading-loose): 2 Very loose spacing

Spacing System

Spacers

- (--space-0): 0 No spacing
- (--space-1): 0.25rem (4px) Tiny spacing
- (--space-2): 0.5rem (8px) Extra small spacing
- (--space-3): 0.75rem (12px) Small spacing
- (--space-4): 1rem (16px) Base spacing
- (--space-5): 1.25rem (20px) Medium spacing
- (--space-6): 1.5rem (24px) Medium-large spacing
- (--space-8): 2rem (32px) Large spacing
- (--space-10): 2.5rem (40px) Extra large spacing
- (--space-12): 3rem (48px) 2x large spacing
- (--space-16): 4rem (64px) 3x large spacing
- (--space-20): 5rem (80px) 4x large spacing
- (--space-24): 6rem (96px) 5x large spacing

Border Radius

- (--radius-none): 0 No rounding
- (--radius-xs): 3px Tiny rounding
- (--radius-sm): 6px Small rounding
- (--radius-md): 8px Medium rounding (buttons)
- (--radius-lg): 12px Large rounding (cards)
- (--radius-xl): 16px Extra large rounding
- (--radius-2x1): 20px 2x large rounding
- (--radius-full): 9999px Fully rounded (pills, circles)

Shadows

- (--shadow-xs): 0 1px 2px rgba(0, 0, 0, 0.05) Subtle shadow
- (--shadow-sm): 0 2px 8px rgba(0, 0, 0, 0.08) Small shadow
- (--shadow-md): 0 4px 12px rgba(0, 0, 0, 0.1) Medium shadow (cards)
- (--shadow-lg): 0 8px 25px rgba(0, 0, 0, 0.12) Large shadow (hovering)
- (--shadow-x1): 0 12px 36px rgba(0, 0, 0, 0.15) Extra large shadow (modals)

Gradients

- (--gradient-primary): linear-gradient(90deg, var(--primary), var(--accent)) Primary gradient
- —gradient—secondary): linear-gradient(90deg, var(--secondary), var(--sky-600)) Secondary
 gradient
- (--gradient-blue): linear-gradient(120deg, var(--blue-600), var(--blue-400)) Blue gradient
- (--gradient-soft): linear-gradient(90deg, () #E8F1F9), () #F2F9FF), () #EEFBFB) Soft gradient

Transitions

- (--duration-instant): 0.1s Instant transitions
- (--duration-fast): 0.2s Fast transitions
- (--duration-normal): 0.3s Normal transitions
- (--duration-slow): 0.5s Slow transitions
- (--duration-slower): 0.8s Slower transitions
- (--ease-linear): linear Linear easing
- (--ease-in): cubic-bezier(0.4, 0, 1, 1) Ease in
- (--ease-out): cubic-bezier(0, 0, 0.2, 1) Ease out
- (--ease-in-out): cubic-bezier(0.4, 0, 0.2, 1) Ease in and out
- (--ease-bounce): cubic-bezier(0.68, -0.55, 0.265, 1.55) Bounce easing
- (--transition-fast): all var(--duration-fast) var(--ease-in-out) Fast transitions
- —transition—normal): all var(--duration-normal) var(--ease-in-out) Normal transitions
- (--transition-slow): all var(--duration-slow) var(--ease-in-out) Slow transitions
- (--transition-bounce): all var(--duration-slow) var(--ease-bounce) Bounce transitions

Component Guidelines

Buttons

- Primary: —primary background with white text
- Secondary: White background with (--primary) border and text

- Text: Transparent background with (--primary) text
- Sizes: Small (0.5rem 1rem), Medium (0.75rem 1.5rem), Large (1rem 2rem)
- Border Radius: (--radius-md) (8px)
- Always include hover/active states

Cards

- · Background: White
- Border Radius: (--radius-lg) (12px)
- Shadow: (--shadow-md)
- Hover Effect: translateY(-5px) with (--shadow-lg)
- Header/Footer: Border with (--light-gray)

Form Elements

- Inputs: White background, (--light-gray) border, (--radius-md) border radius
- Focus State: (--primary) border color with subtle shadow
- Labels: (--weight-semibold) font weight, small margin below
- Error State: (--error) border/text color

Navigation

- Active Link: —primary text color with underline or background
- Hover Effect: Lighter version of active state
- Mobile Toggle: Clean hamburger icon with smooth transitions

Dark Mode Adjustments

- Text: Light colors on dark backgrounds
- Buttons: Slightly lighter primary colors
- Cards/Containers: (--gray-800) background instead of white
- Borders: (--gray-700) for separation
- Shadows: Slightly more pronounced

Common Patterns

Page Layouts

- Max Width: 1200px for content containers
- Padding: 2rem for sections, 1.5rem for cards
- Vertical Rhythm: Consistent spacing between sections

Responsive Breakpoints

• Small: 640px (Mobile)

• Medium: 768px (Tablet)

• Large: 1024px (Desktop)

• Extra Large: 1280px (Large Desktop)

Interactive Elements

Hover States: Slightly lighter/darker versions of base colors

Active States: Slightly inset effect or darker color

· Focus States: Visible outline for accessibility

Animation Guidelines

• Keep animations subtle and purposeful

- Use consistent timing functions
- Respect user preferences (reduced motion)
- · Apply motion to reinforce hierarchy and flow