

# Color Reference

Components in React Native are styled using JavaScript. Color properties usually match how [CSS works on the web](#). General guides on the color usage on each platform could be found below:

- [Android](#)
- [iOS](#)

## Color APIs

React Native has several color APIs designed to allow you to take full advantage of your platform's design and user preferences.

- [PlatformColor](#) lets you reference the platform's color system.
- [DynamicColorIOS](#) is iOS specific and allows you to specify which colors should be used in light or Dark Mode.

## Color representations

### Red Green Blue (RGB)

React Native supports `rgb()` and `rgba()` in both hexadecimal and functional notation:

- `'#f0f' (#rgb)`
- `'#ff00ff' (#rrggbb)`
- `'#f0ff' (#rgba)`
- `'#ff00ff00' (#rrggbbaa)`
- `'rgb(255, 0, 255)'`
- `'rgb(255 0 255)'`
- `'rgba(255, 0, 255, 1.0)'`

- `'rgba(255 0 255 / 1.0)'`

## Hue Saturation Lightness (HSL)

React Native supports `hsl()` and `hsla()` in functional notation:

- `'hsl(360, 100%, 100%)'`
- `'hsl(360 100% 100%)'`
- `'hsla(360, 100%, 100%, 1.0)'`
- `'hsla(360 100% 100% / 1.0)'`

## Hue Whiteness Blackness (HWB)

React Native supports `hwb()` in functional notation:

- `'hwb(0, 0%, 100%)'`
- `'hwb(360, 100%, 100%)'`
- `'hwb(0 0% 0%)'`
- `'hwb(70 50% 0%)'`

## Color ints

React Native supports also colors as an `int` values (in RGB color mode):

- `0xff00ff00` (`0xrrggbbaa`)

### CAUTION

This might appear similar to the Android [Color](#) ints representation but on Android values are stored in SRGB color mode (`0xaarrggbb`).

## Named colors

In React Native you can also use color name strings as values.

**! INFO**

React Native only supports lowercase color names. Uppercase color names are not supported.

**transparent**

This is a shortcut for `rgba(0,0,0,0)`, same like in [CSS3](#).

**Color keywords**

Named colors implementation follows the [CSS3/SVG specification](#):

- ☐ aliceblue (#f0f8ff)
- ☐ antiquewhite (#faebd7)
- ☐ aqua (#00ffff)
- ☐ aquamarine (#7fffd4)
- ☐ azure (#f0ffff)
- ☐ beige (#f5f5dc)
- ☐ bisque (#ffe4c4)
- ☐ black (#000000)
- ☐ blanchedalmond (#ffebcd)
- ☐ blue (#0000ff)
- ☐ blueviolet (#8a2be2)
- ☐ brown (#a52a2a)
- ☐ burlywood (#deb887)
- ☐ cadetblue (#5f9ea0)
- ☐ chartreuse (#7fff00)
- ☐ chocolate (#d2691e)
- ☐ coral (#ff7f50)
- ☐ cornflowerblue (#6495ed)
- ☐ cornsilk (#fff8dc)
- ☐ crimson (#dc143c)

- ☐ cyan (#00ffff)
- ☐ darkblue (#00008b)
- ☐ darkcyan (#008b8b)
- ☐ darkgoldenrod (#b8860b)
- ☐ darkgray (#a9a9a9)
- ☐ darkgreen (#006400)
- ☐ darkgrey (#a9a9a9)
- ☐ darkkhaki (#bdb76b)
- ☐ darkmagenta (#8b008b)
- ☐ darkolivegreen (#556b2f)
- ☐ darkorange (#ff8c00)
- ☐ darkorchid (#9932cc)
- ☐ darkred (#8b0000)
- ☐ darksalmon (#e9967a)
- ☐ darkseagreen (#8fbc8f)
- ☐ darkslateblue (#483d8b)
- ☐ darkslategrey (#2f4f4f)
- ☐ darkturquoise (#00ced1)
- ☐ darkviolet (#9400d3)
- ☐ deeppink (#ff1493)
- ☐ deepskyblue (#00bfff)
- ☐ dimgray (#696969)
- ☐ dimgrey (#696969)
- ☐ dodgerblue (#1e90ff)
- ☐ firebrick (#b22222)
- ☐ floralwhite (#ffffaf)
- ☐ forestgreen (#228b22)
- ☐ fuchsia (#ff00ff)
- ☐ gainsboro (#dcdcdc)
- ☐ ghostwhite (#f8f8ff)


- ☐ gold (#ffd700)
- ☐ goldenrod (#daa520)
- ☐ gray (#808080)
- ☐ green (#008000)
- ☐ greenyellow (#adff2f)
- ☐ grey (#808080)
- ☐ honeydew (#f0fff0)
- ☐ hotpink (#ff69b4)
- ☐ indianred (#cd5c5c)
- ☐ indigo (#4b0082)
- ☐ ivory (#ffffff)
- ☐ khaki (#f0e68c)
- ☐ lavender (#e6e6fa)
- ☐ lavenderblush (#fff0f5)
- ☐ lawngreen (#7cfc00)
- ☐ lemonchiffon (#ffffac)
- ☐ lightblue (#add8e6)
- ☐ lightcoral (#f08080)
- ☐ lightcyan (#e0ffff)
- ☐ lightgoldenrodyellow (#fafad2)
- ☐ lightgray (#d3d3d3)
- ☐ lightgreen (#90ee90)
- ☐ lightgrey (#d3d3d3)
- ☐ lightpink (#ffb6c1)
- ☐ lightsalmon (#ffa07a)
- ☐ lightseagreen (#20b2aa)
- ☐ lightskyblue (#87cefa)
- ☐ lightslategrey (#778899)
- ☐ lightsteelblue (#b0c4de)
- ☐ lightyellow (#ffffe0)

- ☐ lime (#00ff00)
- ☐ limegreen (#32cd32)
- ☐ linen (#faf0e6)
- ☐ magenta (#ff00ff)
- ☐ maroon (#800000)
- ☐ mediumaquamarine (#66cdaa)
- ☐ mediumblue (#0000cd)
- ☐ mediumorchid (#ba55d3)
- ☐ mediumpurple (#9370db)
- ☐ mediumseagreen (#3cb371)
- ☐ mediumslateblue (#7b68ee)
- ☐ mediumspringgreen (#00fa9a)
- ☐ mediumturquoise (#48d1cc)
- ☐ mediumvioletred (#c71585)
- ☐ midnightblue (#191970)
- ☐ mintcream (#f5fffa)
- ☐ mistyrose (#ffe4e1)
- ☐ moccasin (#ffe4b5)
- ☐ navajowhite (#ffdead)
- ☐ navy (#000080)
- ☐ oldlace (#fdf5e6)
- ☐ olive (#808000)
- ☐ olivedrab (#6b8e23)
- ☐ orange (#ffa500)
- ☐ orangered (#ff4500)
- ☐ orchid (#da70d6)
- ☐ palegoldenrod (#eee8aa)
- ☐ palegreen (#98fb98)
- ☐ paleturquoise (#afeeee)
- ☐ palevioletred (#db7093)

- ☐ papayawhip (#ffefd5)
- ☐ peachpuff (#ffdab9)
- ☐ peru (#cd853f)
- ☐ pink (#ffc0cb)
- ☐ plum (#dda0dd)
- ☐ powderblue (#b0e0e6)
- ☐ purple (#800080)
- ☐ rebeccapurple (#663399)
- ☐ red (#ff0000)
- ☐ rosybrown (#bc8f8f)
- ☐ royalblue (#4169e1)
- ☐ saddlebrown (#8b4513)
- ☐ salmon (#fa8072)
- ☐ sandybrown (#f4a460)
- ☐ seagreen (#2e8b57)
- ☐ seashell (#fff5ee)
- ☐ sienna (#a0522d)
- ☐ silver (#c0c0c0)
- ☐ skyblue (#87ceeb)
- ☐ slateblue (#6a5acd)
- ☐ slategray (#708090)
- ☐ snow (#ffffaf)
- ☐ springgreen (#00ff7f)
- ☐ steelblue (#4682b4)
- ☐ tan (#d2b48c)
- ☐ teal (#008080)
- ☐ thistle (#d8bfd8)
- ☐ tomato (#ff6347)
- ☐ turquoise (#40e0d0)
- ☐ violet (#ee82ee)

- ☐ wheat (#f5deb3)
- ☐ white (ffffff)
- ☐ whitesmoke (#f5f5f5)
- ☐ yellow (ffff00)
- ☐ yellowgreen (#9acd32)

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Last updated on **Sep 3, 2023**