

Converting Colors

Hex(51C684)

Have a look what the booklet for
Hex(51C684) contains.

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Color

Hex(51C684)

Conversions

Conversions Part 1

Format	Color
Hex	51C684
RGB	81, 198, 132
RGB Percent	32%, 78%, 52%
CMY	0.6824, 0.2235, 0.4824
CMYK	0.59, 0.00, 0.33, 0.22
HSL	146°, 51%, 55%
HSV	146°, 59%, 78%
XYZ	27.7523, 43.8034, 28.8220
YIQ	155.4930, -48.5460, -45.3300

Conversions

Conversions Part 2

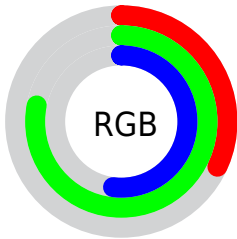
Format	Color
RYB	81, 162, 198
Decimal	5359236
CIELab	72.10, -48.02, 23.48
CIElCh	72, 53.451, 153.947
Yxy	43.8034, 0.2765, 0.4364
Android (android.graphics.Color)	4283549316 (0xFF51C684)
YUV	155.4930, -11.5820, -65.3304
Hunter-Lab	66.1842, -40.9738, 20.5092

Details

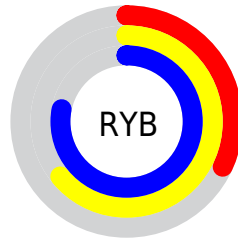
The Hex color **51C684** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C65193**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **8CFFB9**, and **008F52** is the 20% darker color. If you saturate the color by 10%, you get **3DC679**, and if you desaturate by 10%, it is **65C68F**.

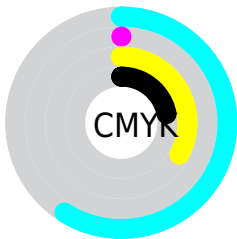
Distribution



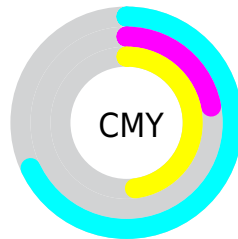
- Red (32%)
- Green (78%)
- Blue (52%)



- Red (32%)
- Yellow (64%)
- Blue (78%)



- Cyan (59%)
- Magenta (0%)
- Yellow (33%)
- Black (22%)




- Cyan (68%)
- Magenta (22%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51C684 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 51C684 by changing the saturation by 10% instead.

 51C684

 51C684

FFFFFF

 30AA6B

 8CFFB9

 008F52

 A9FFD5

 00753A

 C6FFF2

 005B24

 E4FFFF

 00430E

 002C00

 000E00

 000000

 51C684

 51C684

 3DC679

 65C68F

 29C66E

 79C69A

 16C662

 8CC6A6

 02C657

 A0C6B1

 00C656

 B4C6BC

 C8C6C7

 DCC6D2

 EFC6DD

 FFC6E9

Harmonies

Analogous

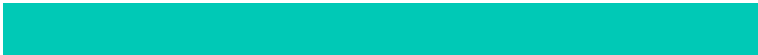
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94BE5C



51C684



00C9B6

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51C684



65B4FF



FF8E7D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51C684



C65193

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF87AC



51C684



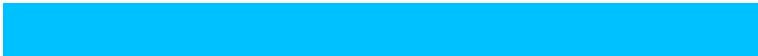
BDA1FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51C684



00C1FF



F28FDD



EF9F59

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51C684



00C9D7



F28FDD



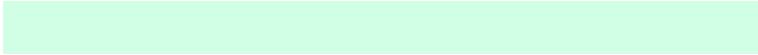
FF8A8C

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51C684



D1FFE5



93C651



638070



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51C684



4AFF99



51C6BE



5A635E



00A347



002410

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C65193



FF4AB0



C65159



635A5F



A3005C



240014

Previews

White Background



This preview shows how the Hex color 51C684 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 51C684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 51C684 Background



This preview shows how black text looks on a background with the Hex color 51C684.

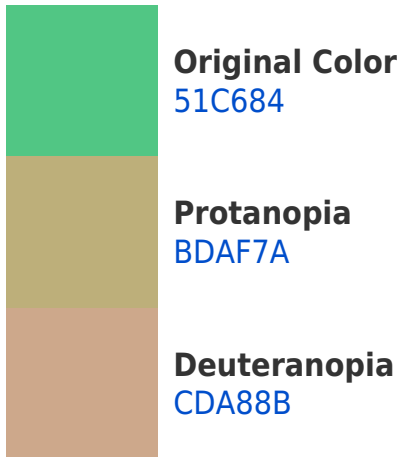


This preview shows how white text looks on a background with the Hex color 51C684.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



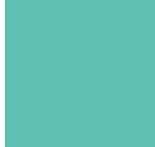
Original Color
51C684



Protanomaly
96B77E



Deuteranomaly
A0B388



Tritanomaly
5FC0B2

Monochromacy



Original Color
51C684



Achromatopsia
9B9B9B



Achromatomaly
80AB93

CSS Examples

Text

The CSS property to change the color of the text to Hex 51C684 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #51C684 looks like.

```
.text, #text, p{  
    color:#51C684  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #51C684 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51C684
}
```

Border

The CSS property to change the border of an element to Hex 51C684 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51C684 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#51C684 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #51C684 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51C684; -webkit-box-shadow:4px 4px  
4px 4px #51C684; box-shadow:4px 4px 4px  
4px #51C684 }
```

Background

The CSS property to change the background color of an element to Hex 51C684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51C684 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#51C684 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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