

Converting Colors

Hex(51C688)

Have a look what the booklet for
Hex(51C688) contains.

Hex(51C688)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(51C688)

Conversions

Conversions Part 1

Format	Color
Hex	51C688
RGB	81, 198, 136
RGB Percent	32%, 78%, 53%
CMY	0.6824, 0.2235, 0.4667
CMYK	0.59, 0.00, 0.31, 0.22
HSL	148°, 51%, 55%
HSV	148°, 59%, 78%
XYZ	28.0314, 43.9151, 30.2916
YIQ	155.9490, -49.8300, -44.0860

Conversions

Conversions Part 2

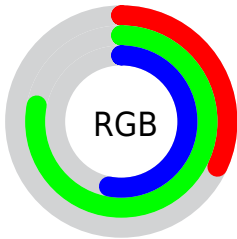
Format	Color
RYB	81, 161, 198
Decimal	5359240
CIELab	72.17, -47.23, 21.46
CIElCh	72, 51.879, 155.568
Yxy	43.9151, 0.2742, 0.4295
Android (android.graphics.Color)	4283549320 (0xFF51C688)
YUV	155.9490, -9.8349, -65.7303
Hunter-Lab	66.2684, -40.4648, 19.2862

Details

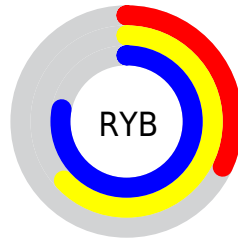
The Hex color **51C688** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C6518F**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **8CFFBE**, and **008F56** is the 20% darker color. If you saturate the color by 10%, you get **3DC67E**, and if you desaturate by 10%, it is **65C692**.

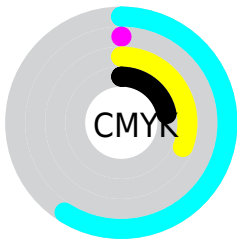
Distribution



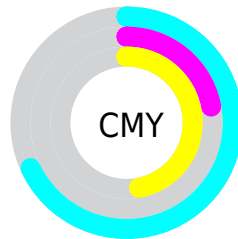
- Red (32%)
- Green (78%)
- Blue (53%)



- Red (32%)
- Yellow (63%)
- Blue (78%)



- Cyan (59%)
- Magenta (0%)
- Yellow (31%)
- Black (22%)



- Cyan (68%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51C688 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 51C688 by changing the saturation by 10% instead.

 51C688

 51C688

FFFFFF

 30AA6E

 8CFFBE

 008F56

 A9FFDA

 00753E

 C6FFF6

 005B28

 E4FFFF

 004312

 002C00

 000E00

 000000

 51C688

 51C688

 3DC67E

 65C692

 29C673

 79C69D

 16C669

 8CC6A7

 02C65E

 A0C6B2

 00C65D

 B4C6BC

 C8C6C7

 DCC6D1

 EFC6DC

 FFC6E6

Harmonies

Analogous

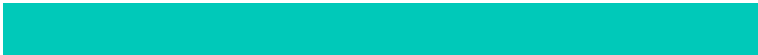
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93BE61



51C688



00C9B9

Triad

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



51C688



6FB3FF



FF907C

Complementary

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



51C688



C6518F

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.



FF89AA



51C688



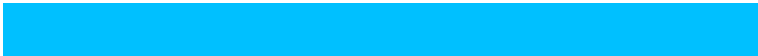
C0A1FE

Square

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



51C688



00C0FF



F390D9



ECA05A

Rectangle

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



51C688



00C9D8



F390D9



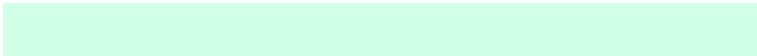
FF8C8B

Sweetspot

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



51C688



D1FFE7



8FC651



638071



000000



808080

Same Dimension

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



51C688



4AFF9F



51C6C2



5A635E



00A34D



002411

Inverse Universe

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



C6518F



FF4AAA



C65155



635A5F



A30056



240013

Previews

White Background



This preview shows how the Hex color 51C688 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 51C688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

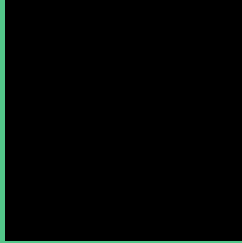
Any Text WCAG AA ✓ Pass

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 51C688 Background



This preview shows how black text looks on a background with the Hex color 51C688.

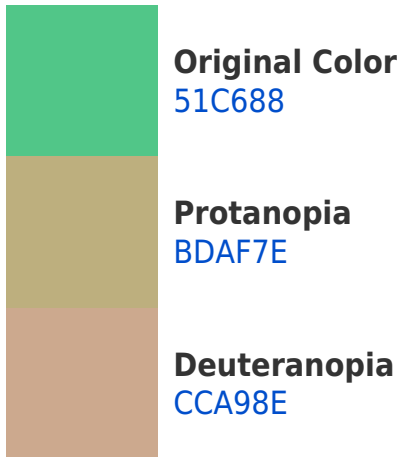


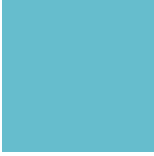
This preview shows how white text looks on a background with the Hex color 51C688.

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](#).

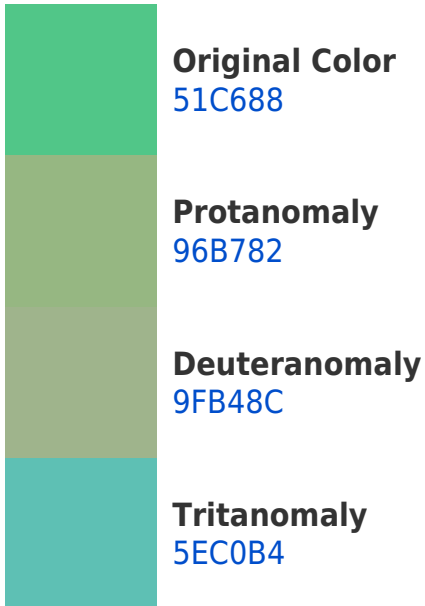
Dichromacy



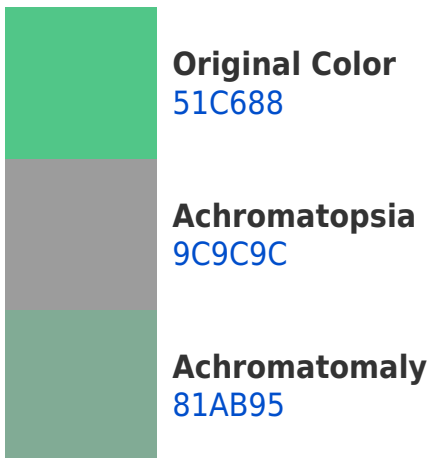


Tritanopia
66BDCD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51C688 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 #51C688 looks like.

```
.text, #text, p{  
    color:#51C688  
}
```

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 #51C688 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51C688
}
```

Border

The CSS property to change the border of an element to Hex 51C688 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
#51C688 }
```

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

```
.border{ border-color:#51C688 }
```

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

Here you see how a box with a 4 pixel #51C688 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51C688; -webkit-box-shadow:4px 4px  
4px 4px #51C688; box-shadow:4px 4px 4px  
4px #51C688 }
```

Background

The CSS property to change the background color of an element to Hex 51C688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51C688 }
```

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

```
.background{ background-color:#51C688 }
```

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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