

Converting Colors

Hex(50CB8C)

Have a look what the booklet for
Hex(50CB8C) contains.

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Color

Hex(50CB8C)

Conversions

Conversions Part 1

Format	Color
Hex	50CB8C
RGB	80, 203, 140
RGB Percent	31%, 80%, 55%
CMY	0.6863, 0.2039, 0.4510
CMYK	0.61, 0.00, 0.31, 0.20
HSL	149°, 54%, 55%
HSV	149°, 61%, 80%
XYZ	29.3978, 46.3108, 32.2004
YIQ	159.0410, -53.0850, -45.6690

Conversions

Conversions Part 2

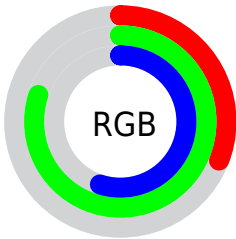
Format	Color
RYB	80, 163, 203
Decimal	5294988
CIELab	73.75, -48.70, 21.49
CIELCh	74, 53.230, 156.193
Yxy	46.3108, 0.2724, 0.4292
Android (android.graphics.Color)	4283485068 (0xFF50CB8C)
YUV	159.0410, -9.3872, -69.3190
Hunter-Lab	68.0520, -41.9808, 19.5820

Details

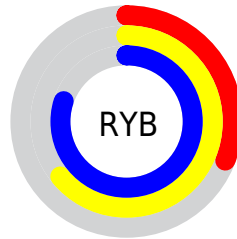
The Hex color **50CB8C** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CB508F**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **8CFFC2**, and **009459** is the 20% darker color. If you saturate the color by 10%, you get **3CCB82**, and if you desaturate by 10%, it is **64CB96**.

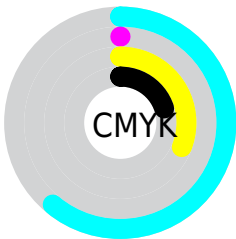
Distribution



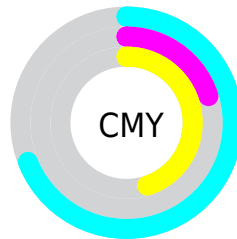
- Red (31%)
- Green (80%)
- Blue (55%)



- Red (31%)
- Yellow (64%)
- Blue (80%)



- Cyan (61%)
- Magenta (0%)
- Yellow (31%)
- Black (20%)



- Cyan (69%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50CB8C 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 50CB8C by changing the saturation by 10% instead.

 50CB8C

 50CB8C

FFFFFF

 2EAF72

 8CFFC2

 009459

 A9FFDE

 007942

 C6FFFB

 00602B

 E4FFFF

 004715

 003000

 001600

 000000

 50CB8C

 50CB8C

 3CCB82

 64CB96

 27CB77

 79CBA1

 13CB6D

 8DCBAB

 00CB63

 A1CBB6

 B6CBC0

 CACBCA

 DECBD5

 F2CBDF

 FFCBEA

Harmonies

Analogous

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



95C363



50CB8C



00CEBE

Triad

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



50CB8C



73B7FF



FF947E

Complementary

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



50CB8C



CB508F

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.



FF8CAD



50CB8C



C6A4FF

Square

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



50CB8C



00C5FF



FA93DE



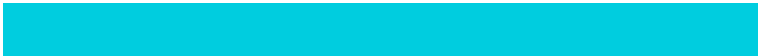
F2A55C

Rectangle

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



50CB8C



00CDDF



FA93DE



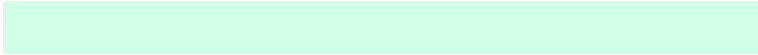
FF8F8D

Sweetspot

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



50CB8C



D1FFE7



90CB50



638071



000000



808080

Same Dimension

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



50CB8C



45FFA0



50CBC9



5C6661



00A651



002613

Inverse Universe

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



CB508F



FF45A4



CB5052



665C61



A60055



260014

Previews

White Background



This preview shows how the Hex color 50CB8C looks on a white background.

Color Contrast Check

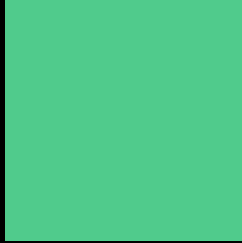
Large Text (above 18pt) WCAG AA × Fail

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 50CB8C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

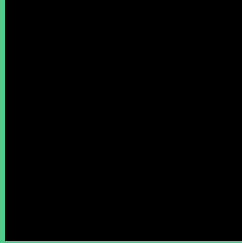
Any Text WCAG AA ✓ Pass

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 50CB8C Background



This preview shows how black text looks on a background with the Hex color 50CB8C.

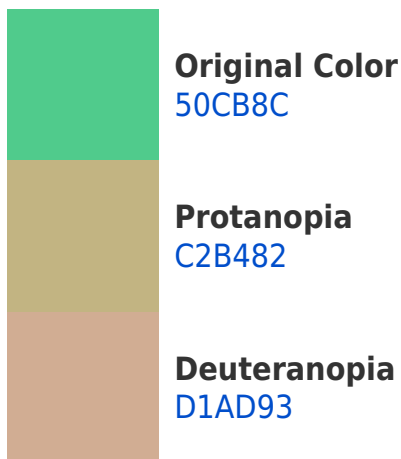


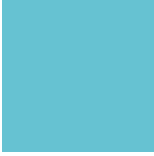
This preview shows how white text looks on a background with the Hex color 50CB8C.

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
66C2D2

Trichromacy



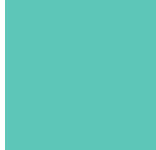
Original Color
50CB8C



Protanomaly
99BC86



Deuteranomaly
A2B890

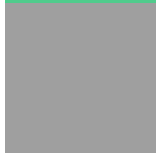


Tritanomaly
5EC5B9

Monochromacy



Original Color
50CB8C



Achromatopsia
9F9F9F



Achromatomaly
82AF98

CSS Examples

Text

The CSS property to change the color of the text to Hex 50CB8C 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 #50CB8C looks like.

```
.text, #text, p{  
    color:#50CB8C  
}
```

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 #50CB8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50CB8C
}
```

Border

The CSS property to change the border of an element to Hex 50CB8C 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
#50CB8C }
```

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

```
.border{ border-color:#50CB8C }
```

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

Here you see how a box with a 4 pixel #50CB8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50CB8C; -webkit-box-shadow:4px 4px  
4px 4px #50CB8C; box-shadow:4px 4px 4px  
4px #50CB8C }
```

Background

The CSS property to change the background color of an element to Hex 50CB8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50CB8C }
```

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

```
.background{ background-color:#50CB8C }
```

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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