

Converting Colors

Hex(50BD8C)

Have a look what the booklet for
Hex(50BD8C) contains.

Hex(50BD8C)	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(50BD8C)

Conversions

Conversions Part 1

Format	Color
Hex	50BD8C
RGB	80, 189, 140
RGB Percent	31%, 74%, 55%
CMY	0.6863, 0.2588, 0.4510
CMYK	0.58, 0.00, 0.26, 0.26
HSL	153°, 45%, 53%
HSV	153°, 58%, 74%
XYZ	26.2395, 39.9941, 31.1476
YIQ	150.8230, -49.2350, -38.3470

Conversions

Conversions Part 2

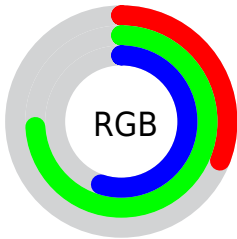
Format	Color
RYB	80, 150, 189
Decimal	5291404
CIELab	69.47, -42.82, 15.57
CIELCh	69, 45.561, 160.012
Yxy	39.9941, 0.2695, 0.4107
Android (android.graphics.Color)	4283481484 (0xFF50BD8C)
YUV	150.8230, -5.3357, -62.1118
Hunter-Lab	63.2409, -36.6096, 15.0669

Details

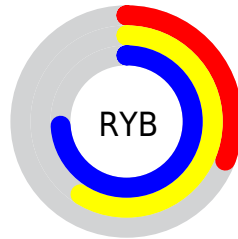
The Hex color **50BD8C** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BD5081**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **8AF6C2**, and **00875A** is the 20% darker color. If you saturate the color by 10%, you get **3DBD84**, and if you desaturate by 10%, it is **63BD94**.

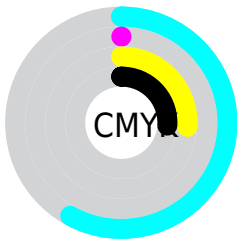
Distribution



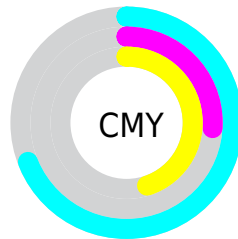
- Red (31%)
- Green (74%)
- Blue (55%)



- Red (31%)
- Yellow (59%)
- Blue (74%)



- Cyan (58%)
- Magenta (0%)
- Yellow (26%)
- Black (26%)



- Cyan (69%)
- Magenta (26%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50BD8C 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 50BD8C by changing the saturation by 10% instead.

 50BD8C

 50BD8C

FFFFFF

 30A272

 8AF6C2

 00875A

 A6FFDE

 006D42

 C4FFFA

 00542C

 E1FFFF

 003B17

 002700

 000000

 50BD8C

 50BD8C

 3DBD84

 63BD94

 2ABD7B

 76BD9D

 17BD73

 89BDA5

 04BD6A

 9CBDAE

 00BD68

 AFBDB6

 C1BDBF

 D4BDC7

 E7BDD0

 FABDD8

Harmonies

Analogous

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



89B768



50BD8C



00BFB7

Triad

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



50BD8C



80A9FB



F28F77

Complementary

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



50BD8C



BD5081

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.



F8889D



50BD8C



C09AE9

Square

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



50BD8C



02B6F7



E88CC7



DA9E5C

Rectangle

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



50BD8C



00BED2



E88CC7



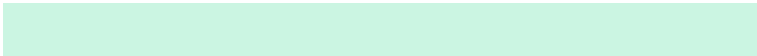
F68C83

Sweetspot

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



50BD8C



CBF5E2



81BD50



627A6F



FAFAFA



7A7A7A

Same Dimension

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



50BD8C



4CF5A9



50B8BD



555E5A



009E57



001F11

Inverse Universe

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



BD5081



F54C98



BD5550



5E5559



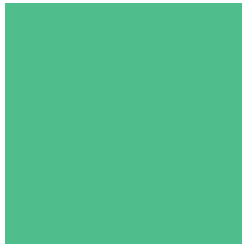
9E0047



1F000E

Previews

White Background



This preview shows how the Hex color 50BD8C looks on a white background.

Color Contrast Check

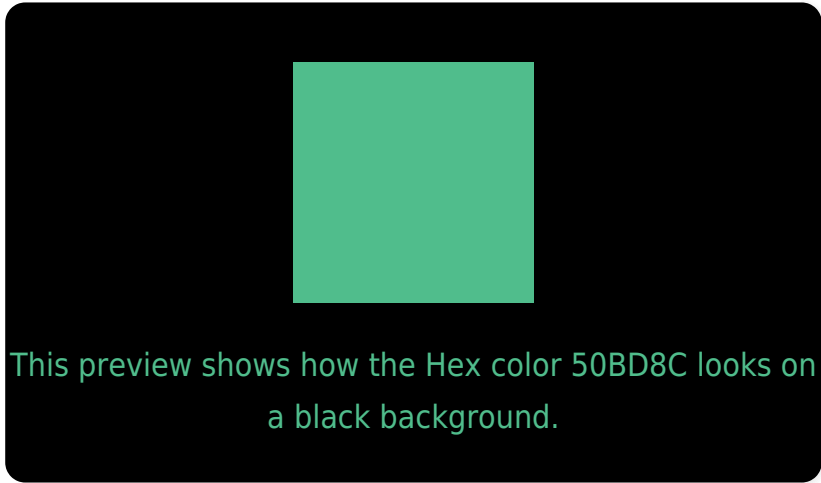
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 50BD8C Background



This preview shows how black text looks on a background with the Hex color 50BD8C.

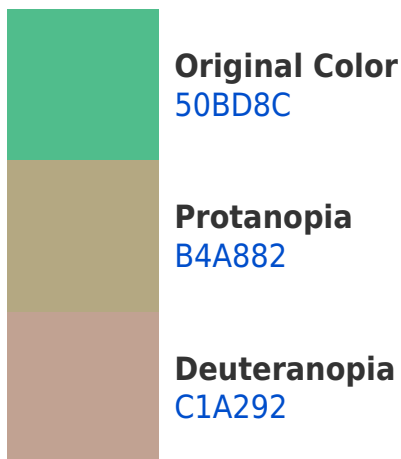


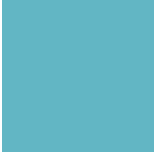
This preview shows how white text looks on a background with the Hex color 50BD8C.

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](#).

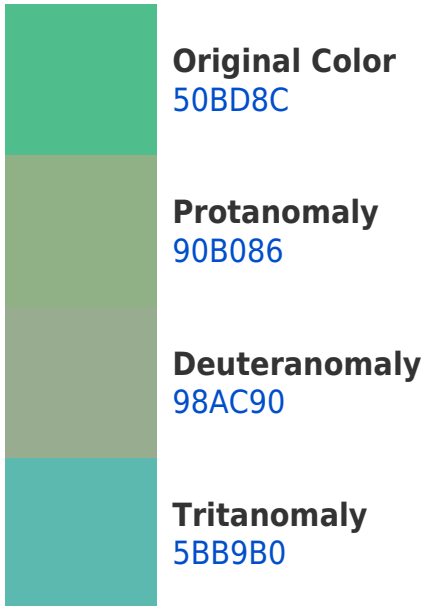
Dichromacy



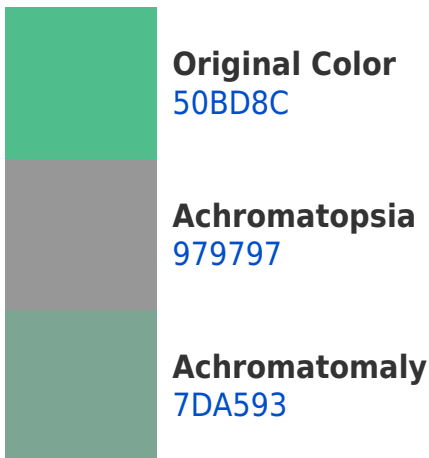


Tritanopia
62B6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50BD8C 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 #50BD8C looks like.

```
.text, #text, p{  
    color:#50BD8C  
}
```

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 #50BD8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50BD8C
}
```

Border

The CSS property to change the border of an element to Hex 50BD8C 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
#50BD8C }
```

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

```
.border{ border-color:#50BD8C }
```

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

Here you see how a box with a 4 pixel #50BD8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50BD8C; -webkit-box-shadow:4px 4px  
4px 4px #50BD8C; box-shadow:4px 4px 4px  
4px #50BD8C }
```

Background

The CSS property to change the background color of an element to Hex 50BD8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50BD8C }
```

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

```
.background{ background-color:#50BD8C }
```

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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