

Converting Colors

Hex(50BC8B)

Have a look what the booklet for
Hex(50BC8B) contains.

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Color

Hex(50BC8B)

Conversions

Conversions Part 1

Format	Color
Hex	50BC8B
RGB	80, 188, 139
RGB Percent	31%, 74%, 55%
CMY	0.6863, 0.2627, 0.4549
CMYK	0.57, 0.00, 0.26, 0.26
HSL	153°, 45%, 53%
HSV	153°, 57%, 74%
XYZ	25.9517, 39.5360, 30.6895
YIQ	150.1220, -48.6390, -38.1350

Conversions

Conversions Part 2

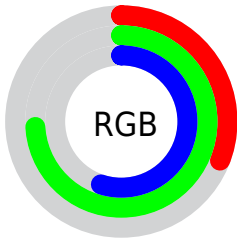
Format	Color
RYB	80, 150, 188
Decimal	5291147
CIELab	69.14, -42.60, 15.66
CIELCh	69, 45.386, 159.819
Yxy	39.5360, 0.2698, 0.4111
Android (android.graphics.Color)	4283481227 (0xFF50BC8B)
YUV	150.1220, -5.4831, -61.4970
Hunter-Lab	62.8777, -36.3630, 15.0759

Details

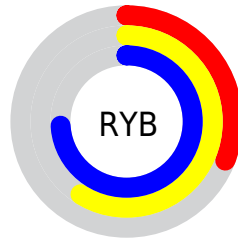
The Hex color **50BC8B** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BC5081**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **8AF5C1**, and **008659** is the 20% darker color. If you saturate the color by 10%, you get **3DBC82**, and if you desaturate by 10%, it is **63BC94**.

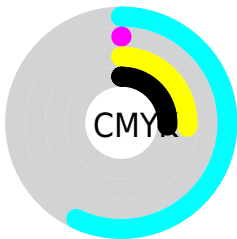
Distribution



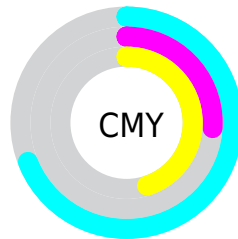
- Red (31%)
- Green (74%)
- Blue (55%)



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



- Cyan (57%)
- Magenta (0%)
- Yellow (26%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 50BC8B 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 50BC8B by changing the saturation by 10% instead.

 50BC8B

 50BC8B

FFFFFF

 31A171

 8AF5C1

 008659

 A6FFDD

 006C41

 C3FFF9

 00532B

 E1FFFF

 003B16

 002600

 000000

 50BC8B

 50BC8B

 3DBC82

 63BC94

 2ABC7A

 76BC9C

 18BC71

 88BCA5

 05BC69

 9BBCAD

 00BC67

 AEBCB6

 C1BCBE

 D4BCC7

 E6BCCF

 F9BCD8

Harmonies

Analogous

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



88B668



50BC8B



00BEB5

Triad

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



50BC8B



7FA8FA



F18F76

Complementary

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



50BC8B



BC5081

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.



F7879D



50BC8B



BE99E8

Square

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



50BC8B



00B5F5



E68BC6



D99D5B

Rectangle

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



50BC8B



00BDD0



E68BC6



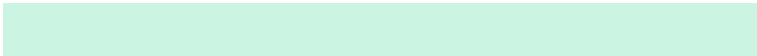
F58B82

Sweetspot

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



50BC8B



CBF5E2



82BC50



627A6F



FAFAFA



7A7A7A

Same Dimension

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



50BC8B



4CF5A8



50B8BC



555E5A



009E56



001F11

Inverse Universe

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



BC5081



F54C99



BC5450



5E5559



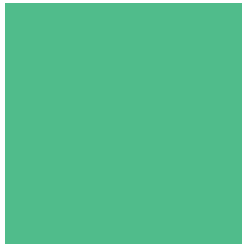
9E0048



1F000E

Previews

White Background



This preview shows how the Hex color 50BC8B looks on a white background.

Color Contrast Check

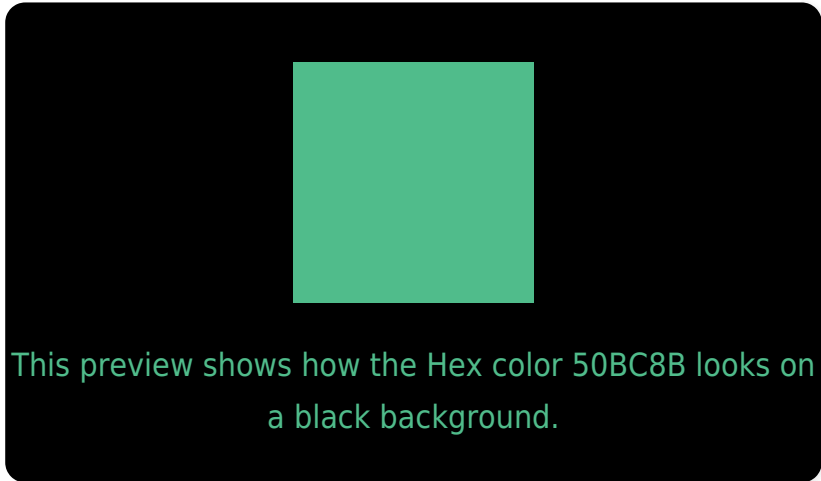
Large Text (above 18pt) WCAG AA × Fail

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

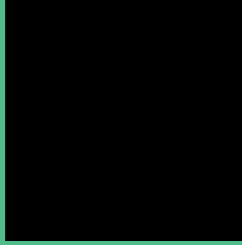
Any Text WCAG AA ✓ Pass

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 50BC8B Background



This preview shows how black text looks on a background with the Hex color 50BC8B.

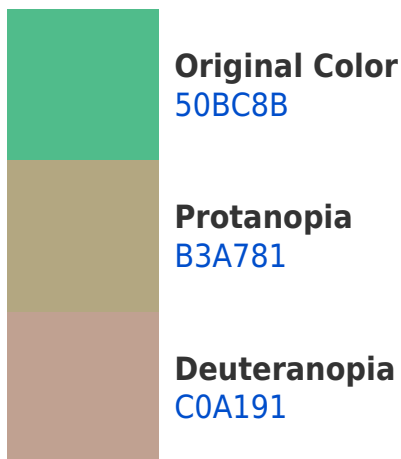


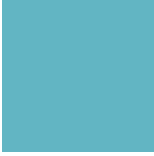
This preview shows how white text looks on a background with the Hex color 50BC8B.

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
62B5C3

Trichromacy



Original Color
50BC8B



Protanomaly
8FAF85



Deuteranomaly
97AB8F



Tritanomaly
5BB8AF

Monochromacy



Original Color
50BC8B



Achromatopsia
969696



Achromatomaly
7DA492

CSS Examples

Text

The CSS property to change the color of the text to Hex 50BC8B 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 #50BC8B looks like.

```
.text, #text, p{  
    color:#50BC8B  
}
```

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 #50BC8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50BC8B
}
```

Border

The CSS property to change the border of an element to Hex 50BC8B 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
#50BC8B }
```

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

```
.border{ border-color:#50BC8B }
```

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

Here you see how a box with a 4 pixel #50BC8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50BC8B; -webkit-box-shadow:4px 4px  
4px 4px #50BC8B; box-shadow:4px 4px 4px  
4px #50BC8B }
```

Background

The CSS property to change the background color of an element to Hex 50BC8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50BC8B }
```

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

```
.background{ background-color:#50BC8B }
```

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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