

Converting Colors

Hex(51BBA8)

Have a look what the booklet for
Hex(51BBA8) contains.

Hex(51BBA8)	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(51BBA8)

Conversions

Conversions Part 1

Format	Color
Hex	51BBA8
RGB	81, 187, 168
RGB Percent	32%, 73%, 66%
CMY	0.6824, 0.2667, 0.3412
CMYK	0.57, 0.00, 0.10, 0.27
HSL	169°, 44%, 53%
HSV	169°, 57%, 73%
XYZ	28.2315, 40.1171, 43.3012
YIQ	153.1400, -57.0770, -28.3810

Conversions

Conversions Part 2

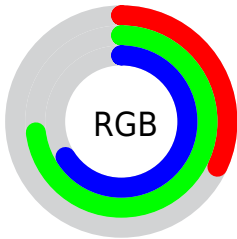
Format	Color
RYB	81, 139, 187
Decimal	5356456
CIELab	69.55, -35.16, 0.43
CIElCh	70, 35.158, 179.302
Yxy	40.1171, 0.2529, 0.3593
Android (android.graphics.Color)	4283546536 (0xFF51BBA8)
YUV	153.1400, 7.3260, -63.2668
Hunter-Lab	63.3381, -31.2792, 3.8029

Details

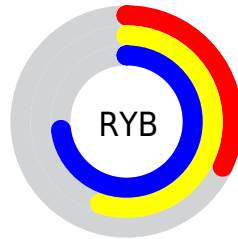
The Hex color **51BBA8** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **BB5164**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **8BF4DF**, and **008574** is the 20% darker color. If you saturate the color by 10%, you get **3EBBA5**, and if you desaturate by 10%, it is **64BBAB**.

Distribution



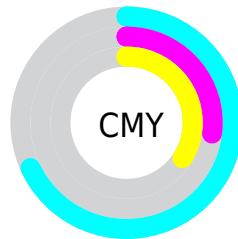
- Red (32%)
- Green (73%)
- Blue (66%)



- Red (32%)
- Yellow (55%)
- Blue (73%)



- Cyan (57%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)




- Cyan (68%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51BBA8 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 51BBA8 by changing the saturation by 10% instead.

 51BBA8

 51BBA8

FFFFFF

 31A08E

 8BF4DF

 008574

 A8FFFC

 006B5C

 C5FFFF

 005244


 E3FFFF

 003B2E

 002619

 000000

 51BBA8

 51BBA8

 3EBBA5

 64BBAB

 2CBBA1

 76BBAF

 19BB9E

 89BBB2

 06BB9B

 9CBBB5

 00BB99

 AEBBB9

 C1BBBC

 D4BBBF

 E7BBC3

 F9BBC6

Harmonies

Analogous

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



79B888



51BBA8



32BAC8

Triad

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



51BBA8



ADA2E1



DA9D74

Complementary

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



51BBA8



BB5164

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.



E8948C



51BBA8



D297CB

Square

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



51BBA8



7CADE9



E692AC



C0A86A

Rectangle

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



51BBA8



3BB8D9



E692AC



E0997B

Sweetspot

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



51BBA8



C9F2EB



64BB51



627A76



FAFAFA



7A7A7A

Same Dimension

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



51BBA8



4EF2D5



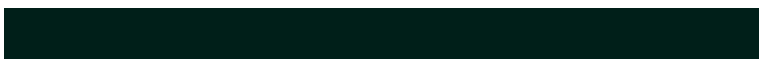
5199BB



555E5D



009E82



001F19

Inverse Universe

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



BB5164



F24E6B



BB7351



5E5557



9E001C



1F0005

Previews

White Background



This preview shows how the Hex color 51BBA8 looks on a white background.

Color Contrast Check

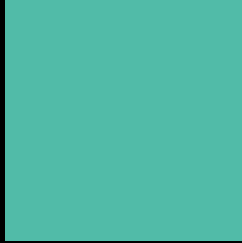
Large Text (above 18pt) WCAG AA × Fail

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 51BBA8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

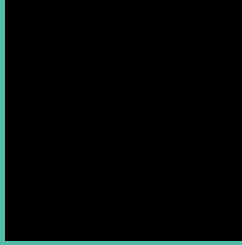
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

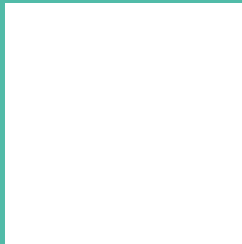
Any Text WCAG AAA ✓ Pass

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

Hex 51BBA8 Background



This preview shows how black text looks on a background with the Hex color 51BBA8.

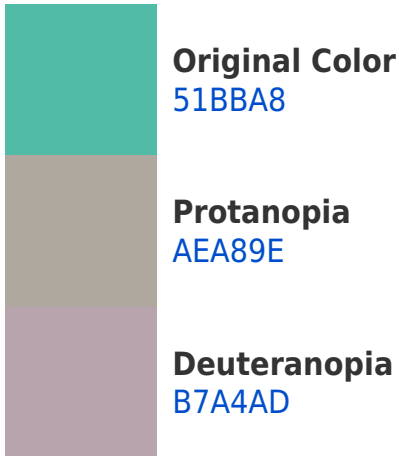


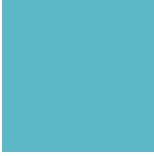
This preview shows how white text looks on a background with the Hex color 51BBA8.

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](#).

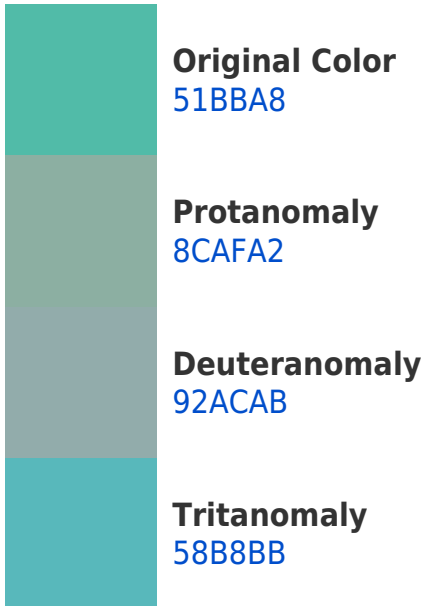
Dichromacy



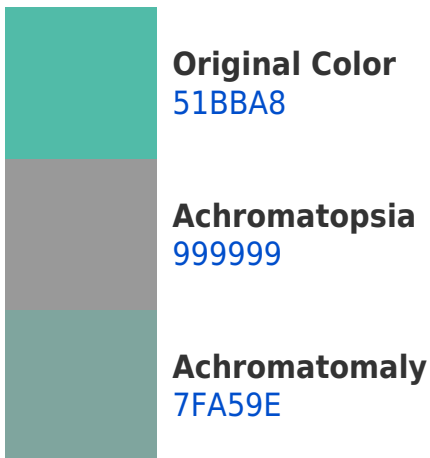


Tritanopia
5CB7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51BBA8 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 #51BBA8 looks like.

```
.text, #text, p{  
    color:#51BBA8  
}
```

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 #51BBA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51BBA8
}
```

Border

The CSS property to change the border of an element to Hex 51BBA8 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
#51BBA8 }
```

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

```
.border{ border-color:#51BBA8 }
```

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

Here you see how a box with a 4 pixel #51BBA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51BBA8; -webkit-box-shadow:4px 4px  
4px 4px #51BBA8; box-shadow:4px 4px 4px  
4px #51BBA8 }
```

Background

The CSS property to change the background color of an element to Hex 51BBA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51BBA8 }
```

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

```
.background{ background-color:#51BBA8 }
```

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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