

Converting Colors

Hex(50B1BB)

Have a look what the booklet for
Hex(50B1BB) contains.

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Color

Hex(50B1BB)

Conversions

Conversions Part 1

Format	Color
Hex	50B1BB
RGB	80, 177, 187
RGB Percent	31%, 69%, 73%
CMY	0.6863, 0.3059, 0.2667
CMYK	0.57, 0.05, 0.00, 0.27
HSL	186°, 44%, 52%
HSV	186°, 57%, 73%
XYZ	28.0000, 36.7376, 52.6290
YIQ	149.1370, -61.0220, -17.4540

Conversions

Conversions Part 2

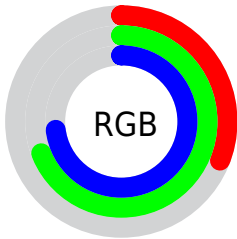
Format	Color
R _Y B	80, 131, 187
Decimal	5288379
CIE Lab	67.08, -25.41, -13.72
CIE LCh	67, 28.876, 208.363
Yxy	36.7376, 0.2386, 0.3130
Android (android.graphics.Color)	4283478459 (0xFF50B1BB)
YUV	149.1370, 18.6665, -60.6331
Hunter-Lab	60.6116, -23.6106, -9.0534

Details

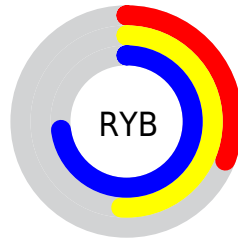
The Hex color **50B1BB** is a light color, and the websafe version is hex **339999**. A complement of this color would be **BB5A50**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **8BE9F3**, and **007C86** is the 20% darker color. If you saturate the color by 10%, you get **3DAFBB**, and if you desaturate by 10%, it is **63B3BB**.

Distribution



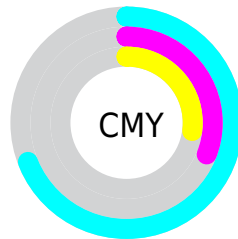
- Red (31%)
- Green (69%)
- Blue (73%)



- Red (31%)
- Yellow (51%)
- Blue (73%)



- Cyan (57%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (69%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50B1BB 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 50B1BB by changing the saturation by 10% instead.

■ 50B1BB

■ 50B1BB

FFFFFF

■ 2F96A0

■ 8BE9F3

■ 007C86

■ A8FFFF

■ 00636D

■ C5FFFF

■ 004B54

■ E2FFFF

■ 00333D

■ 002027

■ 000113

■ 000000

■ 50B1BB

■ 50B1BB

3DAFBB

63B3BB

2BAEBB

75B4BB

18ACBB

88B6BB

05AABB

9BB8BB

00AABB

AEBABB

C0BBBB

D3BDBB

E6BFBB

F8C1BB

Harmonies

Analogous

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



61B2A1



50B1BB



5DADCF

Triad

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



50B1BB



C395BF



B7A16F

Complementary

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



50B1BB



BB5A50

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.



CC9878



50B1BB



D490A6

Square

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



50B1BB



A59DD1



D7928C



9CA975

Rectangle

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



50B1BB



73A9D6



D7928C



BF9E71

Sweetspot

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



50B1BB



C9EEF2



50BB59



62787A



FAFAFA



7A7A7A

Same Dimension

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



50B1BB



4BE3F2



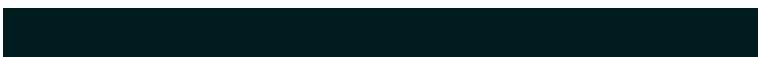
507DBB



555D5E



008F9E



001C1F

Inverse Universe

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



BB50B1



F24BE3



BB8E50



5E555D



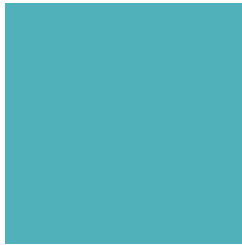
9E008F



1F001C

Previews

White Background



This preview shows how the Hex color 50B1BB 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 50B1BB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

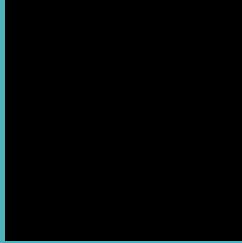
Any Text WCAG AA ✓ Pass

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 50B1BB Background



This preview shows how black text looks on a background with the Hex color 50B1BB.

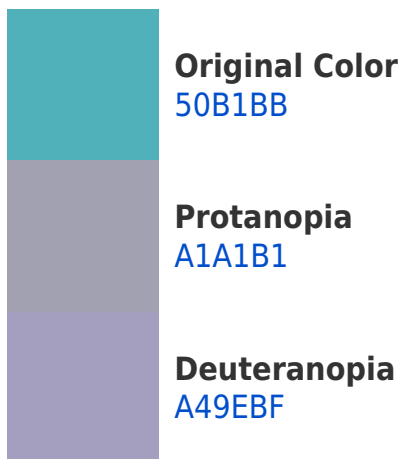


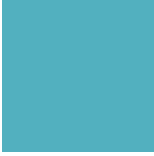
This preview shows how white text looks on a background with the Hex color 50B1BB.

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
52B0BF

Trichromacy



Original Color
50B1BB



Protanomaly
84A7B5



Deuteranomaly
85A5BE



Tritanomaly
51B0BE

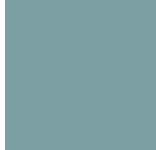
Monochromacy



Original Color
50B1BB



Achromatopsia
959595



Achromatomaly
7C9FA3

CSS Examples

Text

The CSS property to change the color of the text to Hex 50B1BB 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 #50B1BB looks like.

```
.text, #text, p{  
    color:#50B1BB  
}
```

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 #50B1BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50B1BB
}
```

Border

The CSS property to change the border of an element to Hex 50B1BB 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
#50B1BB }
```

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

```
.border{ border-color:#50B1BB }
```

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

Here you see how a box with a 4 pixel #50B1BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50B1BB; -webkit-box-shadow:4px 4px  
4px 4px #50B1BB; box-shadow:4px 4px 4px  
4px #50B1BB }
```

Background

The CSS property to change the background color of an element to Hex 50B1BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50B1BB }
```

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

```
.background{ background-color:#50B1BB }
```

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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