

# Converting Colors

Hex(50B4BD)

Have a look what the booklet for  
Hex(50B4BD) contains.

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**Color**

**Hex(50B4BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50B4BD
RGB	80, 180, 189
RGB Percent	31%, 71%, 74%
CMY	0.6863, 0.2941, 0.2588
CMYK	0.58, 0.05, 0.00, 0.26
HSL	185°, 45%, 53%
HSV	185°, 58%, 74%
XYZ	28.8148, 38.0221, 53.9644
YIQ	151.1260, -62.4890, -18.4010

# Conversions

## Conversions Part 2

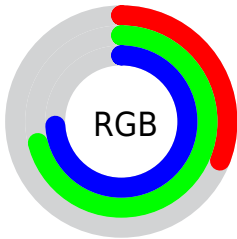
Format	Color
<a href="#">RYB</a>	<a href="#">80, 132, 189</a>
Decimal	<a href="#">5289149</a>
CIELab	<a href="#">68.04, -26.34, -13.38</a>
CIELCh	<a href="#">68, 29.544, 206.937</a>
Yxy	<a href="#">38.0221, 0.2385, 0.3147</a>
Android (android.graphics.Color)	<a href="#">4283479229 (0xFF50B4BD)</a>
YUV	<a href="#">151.1260, 18.6719, -62.3775</a>
Hunter-Lab	<a href="#">61.6621, -24.4952, -8.7250</a>

# Details

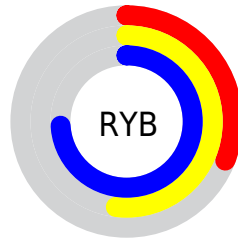
The Hex color **50B4BD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BD5950**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **8BECF5**, and **007F88** is the 20% darker color. If you saturate the color by 10%, you get **3DB2BD**, and if you desaturate by 10%, it is **63B6BD**.

# Distribution



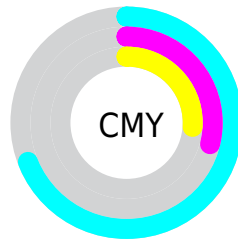
- Red (31%)
- Green (71%)
- Blue (74%)



- Red (31%)
- Yellow (52%)
- Blue (74%)



- Cyan (58%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (69%)
- Magenta (29%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50B4BD 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 50B4BD by changing the saturation by 10% instead.



■ 50B4BD

FFFFFF

■ 8BECF5

■ A8FFFF

■ C5FFFF

■ E3FFFF

■ 50B4BD

■ 2F99A2

■ 007F88

■ 00666E

■ 004D56

■ 00363F

■ 002229

■ 000115

■ 000000

■ 50B4BD

■ 50B4BD

3DB2BD

63B6BD

2AB1BD

76B7BD

17AFBD

89B9BD

04AEBD

9CBABD

00ADBD

AFBCBD

C1BDBD

D4BFBD

E7C0BD

FAC2BD

# Harmonies

## Analogous

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



62B4A2



50B4BD



5BB0D2

# Triad

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



50B4BD



C597C3



BBA371

# Complementary

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



50B4BD



BD5950

# 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.



D09A7A



50B4BD



D892AA

# Square

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



50B4BD



A6A0D5



DB938F



9FAB76

# Rectangle

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



50B4BD



72ACD9



DB938F



C3A072



# Sweetspot

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



50B4BD



CBF1F5



50BD57



62787A



FAFAFA



7A7A7A



# Same Dimension

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



50B4BD



4CE7F5



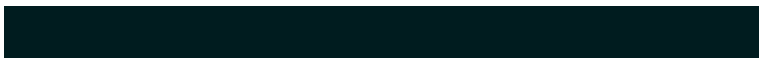
507FBD



555E5E



00919E



001C1F



# Inverse Universe

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



BD50B4



F54CE7



BD8E50



5E555E



9E0091

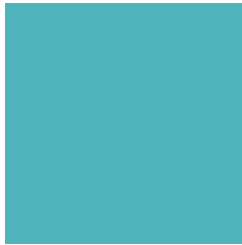


1F001C



# Previews

## White Background



This preview shows how the Hex color 50B4BD looks on a white background.

## Color Contrast Check

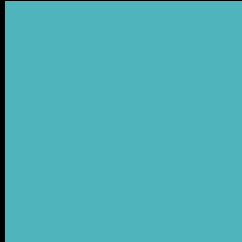
Large Text (above 18pt) WCAG AA × Fail

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 50B4BD 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 50B4BD Background



This preview shows how black text looks on a background with the Hex color 50B4BD.

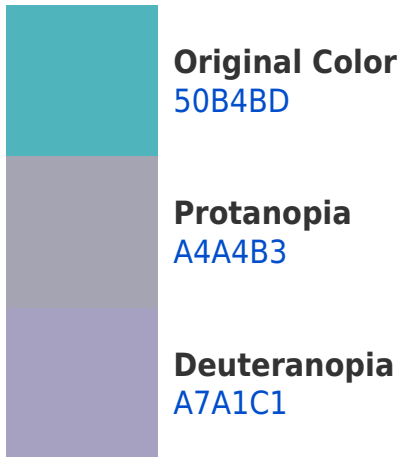


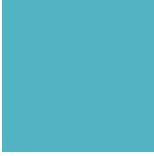
This preview shows how white text looks on a background with the Hex color 50B4BD.

# 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](#).

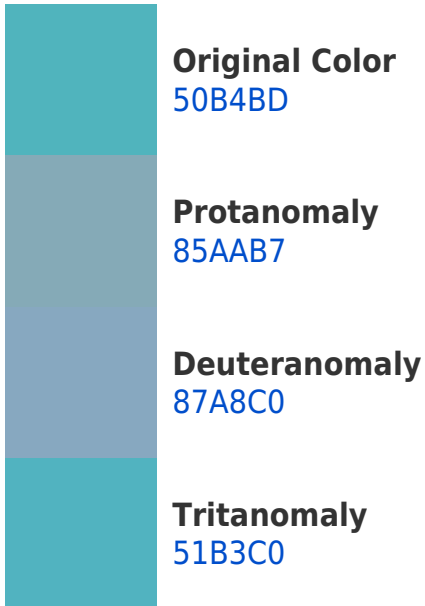
## Dichromacy



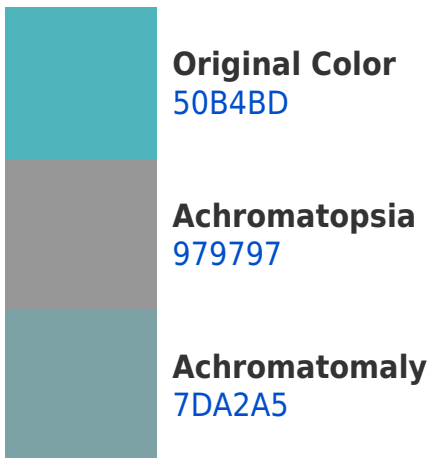


**Tritanopia**  
52B3C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50B4BD 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 #50B4BD looks like.

```
.text, #text, p{  
    color:#50B4BD  
}
```

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 #50B4BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50B4BD }  
}
```

## Border

The CSS property to change the border of an element to Hex 50B4BD 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 #50B4BD }  
}
```

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

```
.border{ border-color:#50B4BD }
```

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

Here you see how a box with a 4 pixel #50B4BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50B4BD; -webkit-box-shadow:4px 4px  
4px 4px #50B4BD; box-shadow:4px 4px 4px  
4px #50B4BD }
```

# Background

The CSS property to change the background color of an element to Hex 50B4BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50B4BD }
```

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

```
.background{ background-color:#50B4BD }
```

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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