

# Converting Colors

Hex(57B3B0)

Have a look what the booklet for  
Hex(57B3B0) contains.

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**Color**

**Hex(57B3B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57B3B0
RGB	87, 179, 176
RGB Percent	34%, 70%, 69%
CMY	0.6588, 0.2980, 0.3098
CMYK	0.51, 0.00, 0.02, 0.30
HSL	178°, 38%, 52%
HSV	178°, 51%, 70%
XYZ	27.8871, 37.4010, 46.8236
YIQ	151.1500, -53.8690, -20.4370

# Conversions

## Conversions Part 2

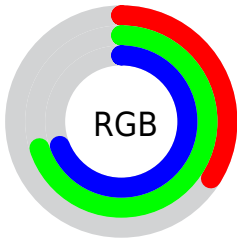
Format	Color
<b>RYB</b>	87, 134, 179
Decimal	5747632
CIELab	67.58, -28.00, -6.86
CIELCh	68, 28.829, 193.772
Yxy	37.4010, 0.2487, 0.3336
Android (android.graphics.Color)	4283937712 (0xFF57B3B0)
YUV	151.1500, 12.2511, -56.2595
Hunter-Lab	61.1564, -25.6284, -2.5852

# Details

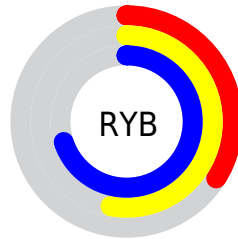
The Hex color **57B3B0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B3575A**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **90EBE8**, and **137E7C** is the 20% darker color. If you saturate the color by 10%, you get **45B3AF**, and if you desaturate by 10%, it is **69B3B1**.

# Distribution



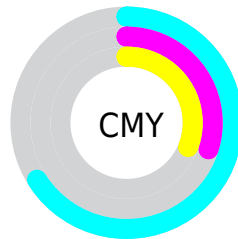
- Red (34%)
- Green (70%)
- Blue (69%)



- Red (34%)
- Yellow (53%)
- Blue (70%)



- Cyan (51%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)



- Cyan (66%)
- Magenta (30%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57B3B0 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 57B3B0 by changing the saturation by 10% instead.



 57B3B0

 57B3B0

FFFFFF

 399895

 90EBE8

 137E7C

 ACFFFF

 006463

 C9FFFF

 004C4B

 E7FFFF

 003534

 00211F

 000007

 000000

 57B3B0

 57B3B0

45B3AF

69B3B1

33B3AF

7BB3B1

21B3AE

8DB3B2

0FB3AE

9FB3B2

00B3AD

B1B3B3

C2B3B4

D4B3B4

E6B3B5

F8B3B5

# Harmonies

## Analogous

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



70B295



57B3B0



54B1C8

# Triad

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



57B3B0



B79ACA



C49E73

# Complementary

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



57B3B0



B3575A

# 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.



D49682



57B3B0



CF93B4

# Square

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



57B3B0



94A3D7



D99199



ABA772

# Rectangle

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



57B3B0



63ADD2



D99199



CA9B77



# Sweetspot

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



57B3B0



C5E8E7



5AB357



607575



F5F5F5



757575



# Same Dimension

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



57B3B0



58E8E3



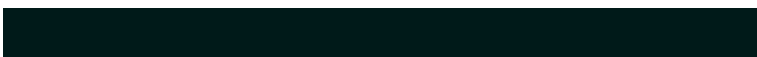
5788B3



505959



009994



001A19



# Inverse Universe

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



B3575A



E8585D



B38257



595051



990005

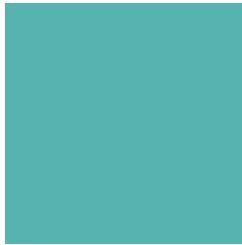


1A0001



# Previews

## White Background



This preview shows how the Hex color 57B3B0 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 57B3B0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

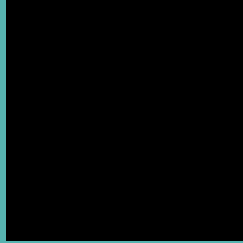
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

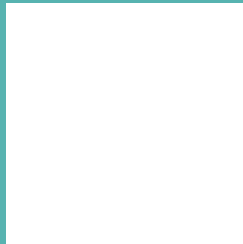
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 57B3B0 Background



This preview shows how black text looks on a background with the Hex color 57B3B0.

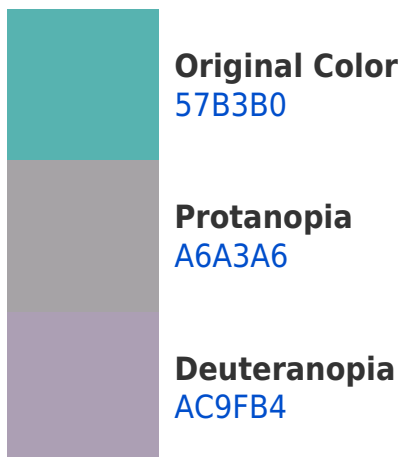


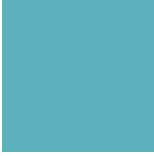
This preview shows how white text looks on a background with the Hex color 57B3B0.

# 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](#).

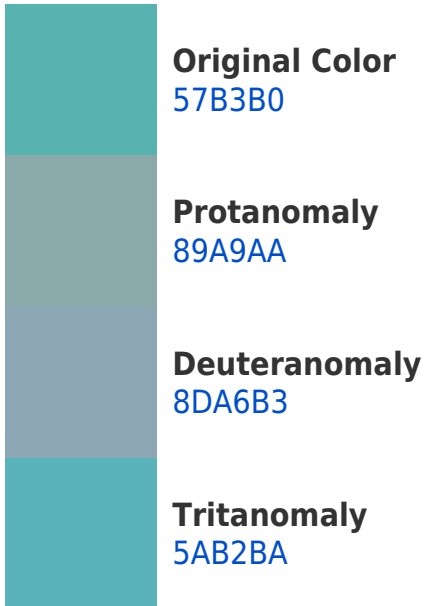
## Dichromacy



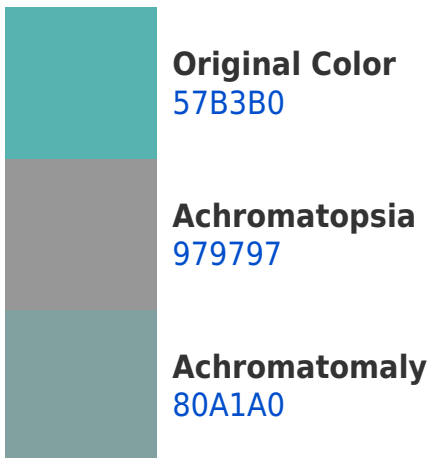


**Tritanopia**  
5CB1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57B3B0 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 #57B3B0 looks like.

```
.text, #text, p{  
    color:#57B3B0  
}
```

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 #57B3B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57B3B0
}
```

## Border

The CSS property to change the border of an element to Hex 57B3B0 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
#57B3B0 }
```

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

```
.border{ border-color:#57B3B0 }
```

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

Here you see how a box with a 4 pixel #57B3B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57B3B0; -webkit-box-shadow:4px 4px  
4px 4px #57B3B0; box-shadow:4px 4px 4px  
4px #57B3B0 }
```

# Background

The CSS property to change the background color of an element to Hex 57B3B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57B3B0 }
```

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

```
.background{ background-color:#57B3B0 }
```

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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