

# Converting Colors

Hex(57C8BD)

Have a look what the booklet for  
Hex(57C8BD) contains.

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**Color**

**Hex(57C8BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57C8BD
RGB	87, 200, 189
RGB Percent	34%, 78%, 74%
CMY	0.6588, 0.2157, 0.2588
CMYK	0.56, 0.00, 0.05, 0.22
HSL	174°, 51%, 56%
HSV	174°, 56%, 78%
XYZ	33.7701, 47.0089, 55.4379
YIQ	164.9590, -63.8170, -27.3770

# Conversions

## Conversions Part 2

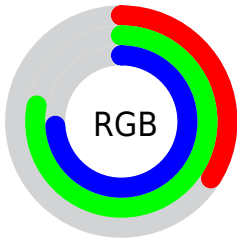
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 146, 200
Decimal	5753021
CIELab	74.20, -34.64, -4.19
CIELCh	74, 34.892, 186.902
Yxy	47.0089, 0.2479, 0.3451
Android (android.graphics.Color)	4283943101 (0xFF57C8BD)
YUV	164.9590, 11.8522, -68.3700
Hunter-Lab	68.5630, -32.0669, 0.0541

# Details

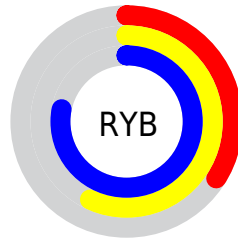
The Hex color **57C8BD** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **C85762**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **92FFF5**, and **009188** is the 20% darker color. If you saturate the color by 10%, you get **43C8BB**, and if you desaturate by 10%, it is **6BC8BF**.

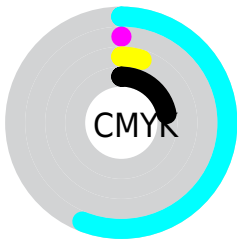
# Distribution



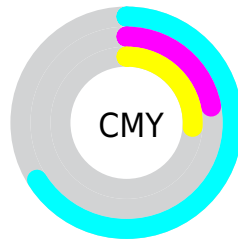
- Red (34%)
- Green (78%)
- Blue (74%)



- Red (34%)
- Yellow (57%)
- Blue (78%)



- Cyan (56%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (66%)
- Magenta (22%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57C8BD 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 57C8BD by changing the saturation by 10% instead.



 57C8BD

 57C8BD

FFFFFF

 36ACA2

 92FFF5

 009188

 B0FFFF

 00776E

 CDFFFF

 005E56

 EBFFFF

 00463F

 002E29

 001815

 000000

 57C8BD

 57C8BD

 43C8BB

 6BC8BF

 2FC8B9

 7FC8C1

 1BC8B7

 93C8C3

 07C8B5

 A7C8C5

 00C8B5

 BBC8C7

 CFC8C9

 E3C8CB

 F7C8CD

 FFC8CF

# Harmonies

## Analogous

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



7CC69C



57C8BD



47C6DC

# Triad

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



57C8BD



C4ACEA



E1AC7C

# Complementary

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



57C8BD



C85762

# 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.



F3A291



57C8BD



E5A2D0

# Square

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



57C8BD



96B7F6



F59EB0



C5B776

# Rectangle

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



57C8BD



57C3EB



F59EB0



E9A882

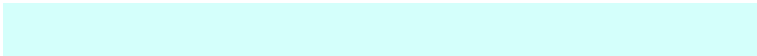


# Sweetspot

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



57C8BD



D4FFFB



62C857



66807D



000000



808080



# Same Dimension

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



57C8BD



52FFEE



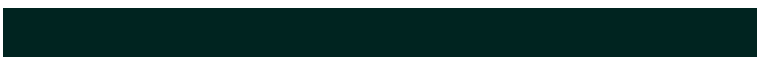
579BC8



5A6362



00A393



002420



# Inverse Universe

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



C85762



FF5262



C88457



635A5A



A30010

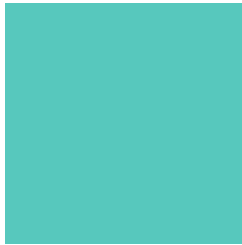


240003



# Previews

## White Background



This preview shows how the Hex color 57C8BD looks on a white background.

## Color Contrast Check

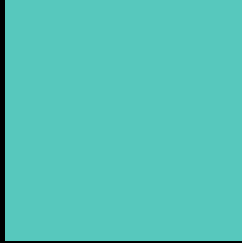
Large Text (above 18pt) WCAG AA × Fail

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 57C8BD 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 57C8BD Background



This preview shows how black text looks on a background with the Hex color 57C8BD.



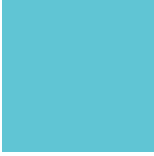
This preview shows how white text looks on a background with the Hex color 57C8BD.

# 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



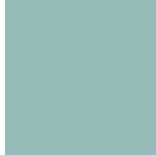


**Tritanopia**  
60C5D4

# Trichromacy



**Original Color**  
57C8BD



**Protanomaly**  
95BBB6



**Deuteranomaly**  
9AB9C0

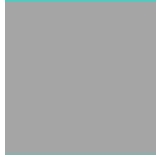


**Tritanomaly**  
5DC6CC

# Monochromacy



**Original Color**  
57C8BD



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
89B2AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57C8BD 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 #57C8BD looks like.

```
.text, #text, p{  
    color:#57C8BD  
}
```

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 #57C8BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57C8BD
}
```

## Border

The CSS property to change the border of an element to Hex 57C8BD 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
#57C8BD }
```

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

```
.border{ border-color:#57C8BD }
```

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

Here you see how a box with a 4 pixel #57C8BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57C8BD; -webkit-box-shadow:4px 4px  
4px 4px #57C8BD; box-shadow:4px 4px 4px  
4px #57C8BD }
```

# Background

The CSS property to change the background color of an element to Hex 57C8BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57C8BD }
```

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

```
.background{ background-color:#57C8BD }
```

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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