

# Converting Colors

Hex(57C8BA)

Have a look what the booklet for  
Hex(57C8BA) contains.

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**Color**

**Hex(57C8BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57C8BA
RGB	87, 200, 186
RGB Percent	34%, 78%, 73%
CMY	0.6588, 0.2157, 0.2706
CMYK	0.56, 0.00, 0.07, 0.22
HSL	173°, 51%, 56%
HSV	173°, 56%, 78%
XYZ	33.4477, 46.8800, 53.7402
YIQ	164.6170, -62.8540, -28.3100

# Conversions

## Conversions Part 2

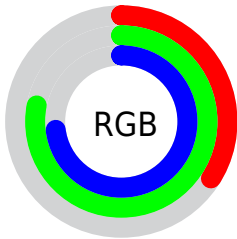
Format	Color
<a href="#">RYB</a>	<a href="#">87, 147, 200</a>
Decimal	<a href="#">5753018</a>
CIELab	<a href="#">74.11, -35.41, -2.69</a>
CIELCh	<a href="#">74, 35.516, 184.341</a>
Yxy	<a href="#">46.8800, 0.2495, 0.3497</a>
Android (android.graphics.Color)	<a href="#">4283943098</a> ( <a href="#">0xFF57C8BA</a> )
YUV	<a href="#">164.6170, 10.5418, -68.0701</a>
Hunter-Lab	<a href="#">68.4689, -32.6218, 1.3924</a>

# Details

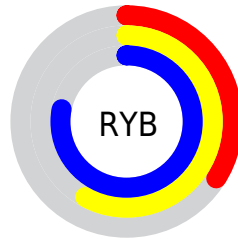
The Hex color **57C8BA** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **C85765**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **92FFF2**, and **029185** is the 20% darker color. If you saturate the color by 10%, you get **43C8B8**, and if you desaturate by 10%, it is **6BC8BC**.

# Distribution



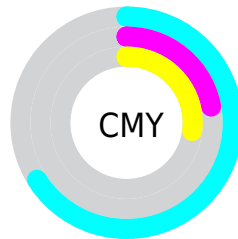
- Red (34%)
- Green (78%)
- Blue (73%)



- Red (34%)
- Yellow (58%)
- Blue (78%)



- Cyan (56%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (66%)
- Magenta (22%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57C8BA 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 57C8BA by changing the saturation by 10% instead.



 57C8BA

 57C8BA

FFFFFF

 36AC9F

 92FFF2

 029185

 B0FFFF

 00776C

 CDFFFF

 005E54

 EBFFFF

 00463D

 002E27

 001713

 000000

 57C8BA

 57C8BA

 43C8B8

 6BC8BC

 2FC8B5

 7FC8BF

 1BC8B3

 93C8C1

 07C8B0

 A7C8C4

 00C8AF

 BBC8C6

 CFC8C9

 E3C8CB

 F7C8CE

 FFC8D0

# Harmonies

## Analogous

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



7EC599



57C8BA



42C7DA

# Triad

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



57C8BA



C1ACEC



E4AB7C

# Complementary

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



57C8BA



C85765

# 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.



F4A193



57C8BA



E4A2D3

# Square

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



57C8BA



91B8F7



F59DB3



C8B675

# Rectangle

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



57C8BA



50C3EA



F59DB3



EBA782

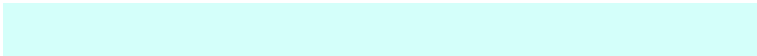


# Sweetspot

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



57C8BA



D4FFFA



66C857



66807C



000000



808080



# Same Dimension

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



57C8BA



52FFEA



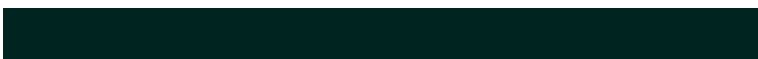
579FC8



5A6362



00A38F



00241F



# Inverse Universe

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



C85765



FF5267



C88057



635A5B



A30014

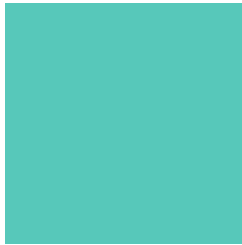


240004



# Previews

## White Background



This preview shows how the Hex color 57C8BA looks on a white background.

## Color Contrast Check

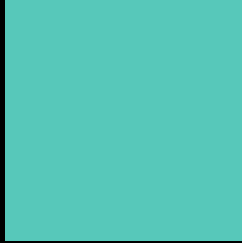
Large Text (above 18pt) WCAG AA × Fail

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 57C8BA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

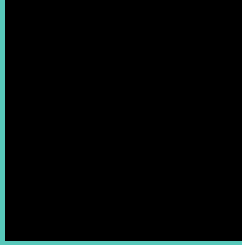
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

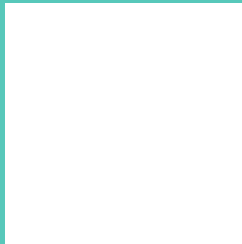
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 57C8BA Background



This preview shows how black text looks on a background with the Hex color 57C8BA.



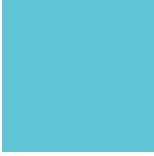
This preview shows how white text looks on a background with the Hex color 57C8BA.

# 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



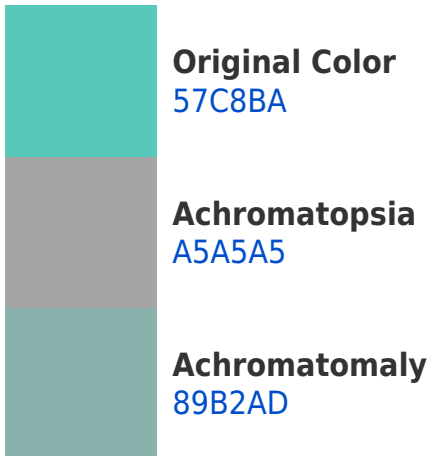


**Tritanopia**  
61C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57C8BA 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 #57C8BA looks like.

```
.text, #text, p{  
    color:#57C8BA  
}
```

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 #57C8BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57C8BA
}
```

## Border

The CSS property to change the border of an element to Hex 57C8BA 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
#57C8BA }
```

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

```
.border{ border-color:#57C8BA }
```

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

Here you see how a box with a 4 pixel #57C8BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57C8BA; -webkit-box-shadow:4px 4px  
4px 4px #57C8BA; box-shadow:4px 4px 4px  
4px #57C8BA }
```

# Background

The CSS property to change the background color of an element to Hex 57C8BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57C8BA }
```

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

```
.background{ background-color:#57C8BA }
```

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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