

# Converting Colors

Hex(55C7C7)

Have a look what the booklet for  
Hex(55C7C7) contains.

<b>Hex(55C7C7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(55C7C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55C7C7
RGB	85, 199, 199
RGB Percent	33%, 78%, 78%
CMY	0.6667, 0.2196, 0.2196
CMYK	0.57, 0.00, 0.00, 0.22
HSL	180°, 50%, 56%
HSV	180°, 57%, 78%
XYZ	34.4785, 46.9017, 61.2685
YIQ	164.9140, -67.9440, -24.1680

# Conversions

## Conversions Part 2

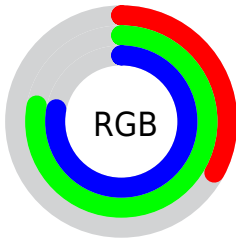
Format	Color
<a href="#">RYB</a>	<a href="#">85, 142, 199</a>
Decimal	<a href="#">5621703</a>
CIELab	<a href="#">74.13, -31.88, -9.72</a>
CIELCh	<a href="#">74, 33.334, 196.962</a>
Yxy	<a href="#">46.9017, 0.2417, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4283811783</a> ( <a href="#">0xFF55C7C7</a> )
YUV	<a href="#">164.9140, 16.8044, -70.0846</a>
Hunter-Lab	<a href="#">68.4848, -29.9829, -5.1033</a>

# Details

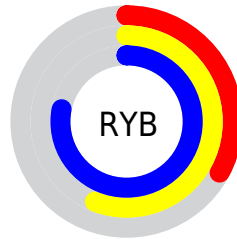
The Hex color **55C7C7** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **C75555**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **91FFFF**, and **009191** is the 20% darker color. If you saturate the color by 10%, you get **41C7C7**, and if you desaturate by 10%, it is **69C7C7**.

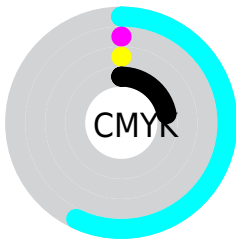
# Distribution



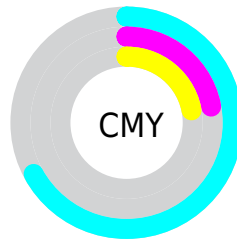
- Red (33%)
- Green (78%)
- Blue (78%)



- Red (33%)
- Yellow (56%)
- Blue (78%)



- Cyan (57%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (67%)
- Magenta (22%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55C7C7 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 55C7C7 by changing the saturation by 10% instead.



 55C7C7

 55C7C7

FFFFFF

 33ABAC

 91FFFF

 009191

 AFFFFFFF

 007778

 CDFFFF

 005D5F

 EBFFFF

 004547

 002E31

 00181C

 000000

 55C7C7

 55C7C7

41C7C7

69C7C7

2DC7C7

7DC7C7

19C7C7

91C7C7

05C7C7

A5C7C7

00C7C7

B9C7C7

CCC7C7

E0C7C7

F4C7C7

FFC7C7

# Harmonies

## Analogous

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



73C6A7



55C7C7



55C4E2

# Triad

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



55C7C7



D0A8E0



D8B07B

# Complementary

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



55C7C7



C75555

# 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.



ECA68B



55C7C7



EAA1C5

# Square

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



55C7C7



A8B3F1



F3A0A6



BABA7B

# Rectangle

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



55C7C7



6BC0EE



F3A0A6



E0AC7F



# Sweetspot

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



55C7C7



D4FFFF



55C755



668080



000000



808080



# Same Dimension

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



55C7C7



4FFFFFFF



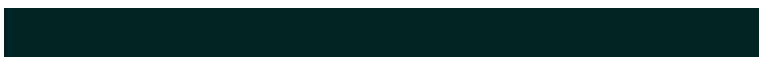
558EC7



5A6363



00A3A3



002424



# Inverse Universe

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



C755C7



FF4FFF



C78E55



635A63



A300A3

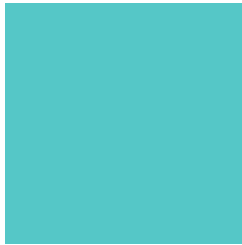


240024



# Previews

## White Background



This preview shows how the Hex color 55C7C7 looks on a white background.

## Color Contrast Check

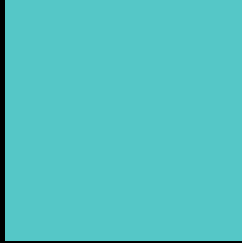
Large Text (above 18pt) WCAG AA × Fail

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 55C7C7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

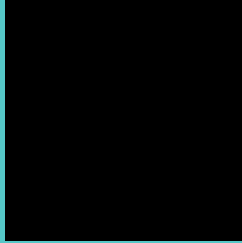
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

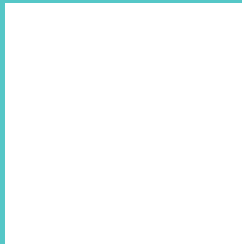
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 55C7C7 Background



This preview shows how black text looks on a background with the Hex color 55C7C7.

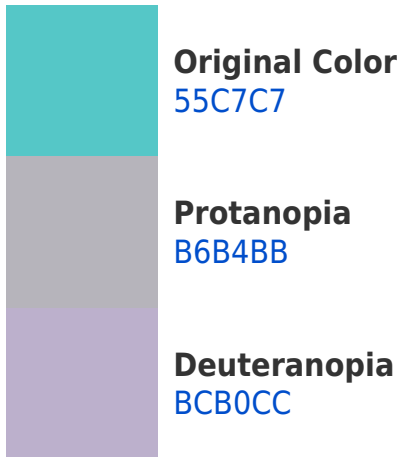


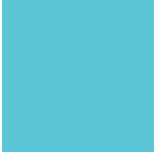
This preview shows how white text looks on a background with the Hex color 55C7C7.

# 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**  
5BC5D5

# Trichromacy



**Original Color**  
55C7C7



**Protanomaly**  
93BBBF



**Deuteranomaly**  
97B8CA

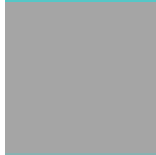


**Tritanomaly**  
59C6D0

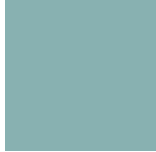
# Monochromacy



**Original Color**  
55C7C7



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
88B1B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55C7C7 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 #55C7C7 looks like.

```
.text, #text, p{  
    color:#55C7C7  
}
```

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 #55C7C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55C7C7
}
```

## Border

The CSS property to change the border of an element to Hex 55C7C7 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
#55C7C7 }
```

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

```
.border{ border-color:#55C7C7 }
```

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

Here you see how a box with a 4 pixel #55C7C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55C7C7; -webkit-box-shadow:4px 4px  
4px 4px #55C7C7; box-shadow:4px 4px 4px  
4px #55C7C7 }
```

# Background

The CSS property to change the background color of an element to Hex 55C7C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55C7C7 }
```

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

```
.background{ background-color:#55C7C7 }
```

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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