

# Converting Colors

Hex(71C5C0)

Have a look what the booklet for  
Hex(71C5C0) contains.

<b>Hex(71C5C0)</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(71C5C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71C5C0
RGB	113, 197, 192
RGB Percent	44%, 77%, 75%
CMY	0.5569, 0.2275, 0.2471
CMYK	0.43, 0.00, 0.03, 0.23
HSL	176°, 42%, 61%
HSV	176°, 43%, 77%
XYZ	36.2907, 47.2490, 57.0764
YIQ	171.3140, -48.4590, -19.3630

# Conversions

## Conversions Part 2

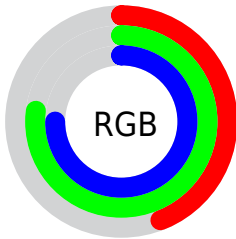
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 156, 197
Decimal	7456192
CIELab	74.35, -26.70, -5.49
CIELCh	74, 27.258, 191.613
Yxy	47.2490, 0.2581, 0.3360
Android (android.graphics.Color)	4285646272 (0xFF71C5C0)
YUV	171.3140, 10.1982, -51.1414
Hunter-Lab	68.7379, -26.0508, -1.1148

# Details

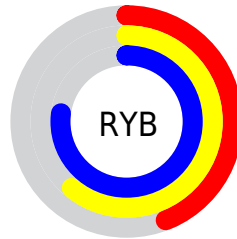
The Hex color **71C5C0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C57176**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A9FEF8**, and **388F8B** is the 20% darker color. If you saturate the color by 10%, you get **5DC5BF**, and if you desaturate by 10%, it is **85C5C1**.

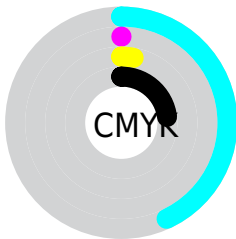
# Distribution



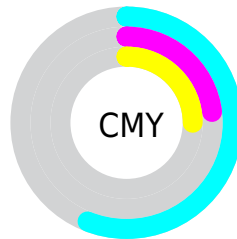
- Red (44%)
- Green (77%)
- Blue (75%)



- Red (44%)
- Yellow (61%)
- Blue (77%)



- Cyan (43%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (56%)
- Magenta (23%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71C5C0 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 71C5C0 by changing the saturation by 10% instead.



 71C5C0

 71C5C0

FFFFFF

 55AAA5

 A9FEF8

 388F8B

 C6FFFF

 157571

 E3FFFF

 005C59

 004441

 002D2B

 001817

 000000

 71C5C0

 71C5C0

5DC5BF

85C5C1

4AC5BE

98C5C2

36C5BC

ACC5C4

22C5BB

C0C5C5

0EC5BA

D4C5C6

00C5B9

E7C5C7

FBC5C8

FFC5C9

FFC5CB

# Harmonies

## Analogous

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



87C4A6



71C5C0



6EC3D7

# Triad

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



71C5C0



C7ADDC



D7B088

# Complementary

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



71C5C0



C57176

# 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.



E6A897



71C5C0



DFA6C7

# Square

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



71C5C0



A6B6E8



EAA5AE



BFB886

# Rectangle

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



71C5C0



7AC0E2



EAA5AE



DDAD8C

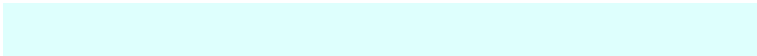


# Sweetspot

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



71C5C0



DEFFFD



77C571



6B807E



000000



808080



# Same Dimension

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



71C5C0



7DFFF7



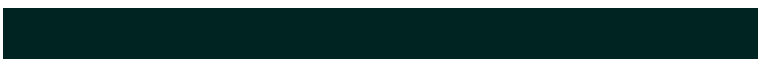
71A1C5



5A6363



00A399



002422



# Inverse Universe

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



C57176



FF7D85



C59571



635A5A



A3000A

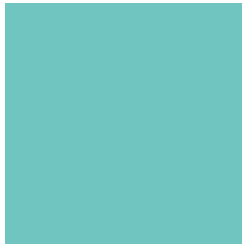


240002



# Previews

## White Background



This preview shows how the Hex color 71C5C0 looks on a white background.

## Color Contrast Check

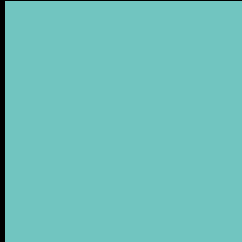
Large Text (above 18pt) WCAG AA × Fail

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 71C5C0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

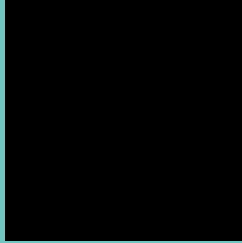
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

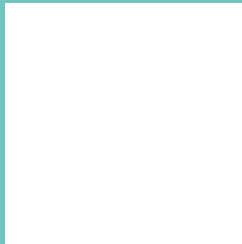
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71C5C0 Background



This preview shows how black text looks on a background with the Hex color 71C5C0.

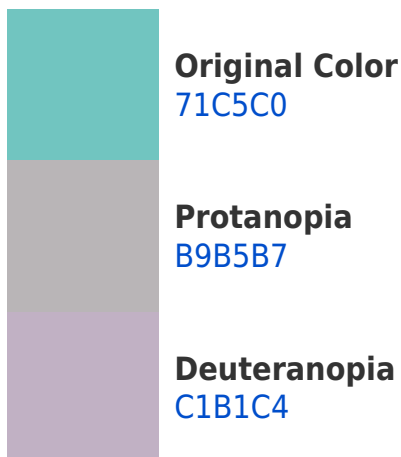


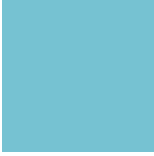
This preview shows how white text looks on a background with the Hex color 71C5C0.

# 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**  
76C2D2

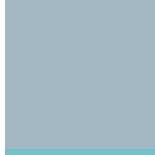
# Trichromacy



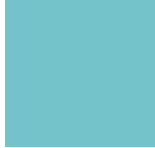
**Original Color**  
71C5C0



**Protanomaly**  
9FBBBA



**Deuteranomaly**  
A4B8C3

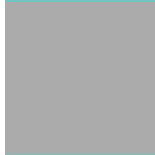


**Tritanomaly**  
74C3CB

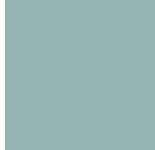
# Monochromacy



**Original Color**  
71C5C0



**Achromatopsia**  
ABABAB



**Achromatomaly**  
96B4B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71C5C0 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 #71C5C0 looks like.

```
.text, #text, p{  
    color:#71C5C0  
}
```

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 #71C5C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71C5C0  
}
```

## Border

The CSS property to change the border of an element to Hex 71C5C0 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  
#71C5C0 }
```

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

```
.border{ border-color:#71C5C0 }
```

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

Here you see how a box with a 4 pixel #71C5C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71C5C0; -webkit-box-shadow:4px 4px  
4px 4px #71C5C0; box-shadow:4px 4px 4px  
4px #71C5C0 }
```

# Background

The CSS property to change the background color of an element to Hex 71C5C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71C5C0 }
```

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

```
.background{ background-color:#71C5C0 }
```

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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