

# Converting Colors

Hex(7BC5CD)

Have a look what the booklet for  
Hex(7BC5CD) contains.

<b>Hex(7BC5CD)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(7BC5CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BC5CD
RGB	123, 197, 205
RGB Percent	48%, 77%, 80%
CMY	0.5176, 0.2275, 0.1961
CMYK	0.40, 0.04, 0.00, 0.20
HSL	186°, 45%, 64%
HSV	186°, 40%, 80%
XYZ	39.1541, 48.5512, 65.0653
YIQ	175.7860, -46.6720, -13.2000

# Conversions

## Conversions Part 2

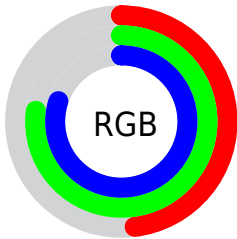
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">123, 162, 205</a>
Decimal	<a href="#">8111565</a>
<a href="#">CIELab</a>	<a href="#">75.17, -20.95, -11.27</a>
<a href="#">CIElCh</a>	<a href="#">75, 23.783, 208.276</a>
<a href="#">Yxy</a>	<a href="#">48.5512, 0.2563, 0.3178</a>
Android (android.graphics.Color)	<a href="#">4286301645</a> ( <a href="#">0xFF7BC5CD</a> )
<a href="#">YUV</a>	<a href="#">175.7860, 14.4025, -46.2933</a>
<a href="#">Hunter-Lab</a>	<a href="#">69.6787, -21.6345, -6.5893</a>

# Details

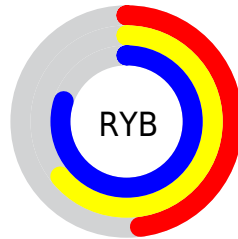
The Hex color **7BC5CD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CD837B**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B3FEFF**, and **448F97** is the 20% darker color. If you saturate the color by 10%, you get **67C3CD**, and if you desaturate by 10%, it is **90C7CD**.

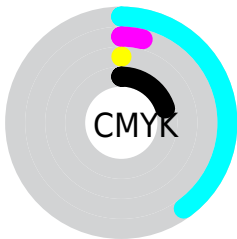
# Distribution



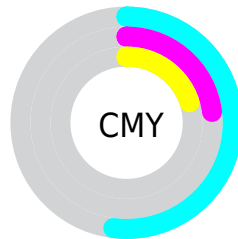
- Red (48%)
- Green (77%)
- Blue (80%)



- Red (48%)
- Yellow (64%)
- Blue (80%)



- Cyan (40%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (52%)
- Magenta (23%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BC5CD 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 7BC5CD by changing the saturation by 10% instead.



 7BC5CD

 7BC5CD

FFFFFF

 5FAAB2

 B3FEFF

 448F97

 D0FFFF

 26757D


 EDFFFF

 005C64

 00454C

 002E35

 001B20

 000007

 000000

 7BC5CD

 7BC5CD

 67C3CD

 90C7CD

 52C1CD

 A4C9CD

 3EBFCD

 B9CBCD

 29BDCD

 CDCDCD

 14BBCD

 E2CFCD

 00B9CD

 F6D1CD

 FFD3CD

 FFD5CD

 FFD7CD

# Harmonies

## Analogous

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



85C6B7



7BC5CD



84C2DE

# Triad

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



7BC5CD



D4ADD0



CBB78E

# Complementary

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



7BC5CD



CD837B

# 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.



DDB095



7BC5CD



E3AABB

# Square

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



7BC5CD



BBB4E0



E6ABA5



B3BE92

# Rectangle

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



7BC5CD



94BEE3



E6ABA5



D2B58F

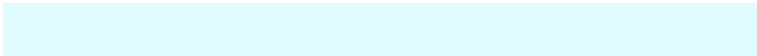


# Sweetspot

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



7BC5CD



E0FCFF



7BCD82



6E7E80



000000



808080

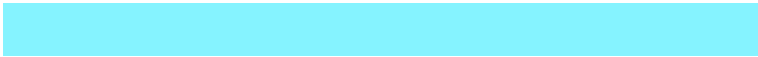


# Same Dimension

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



7BC5CD



85F3FF



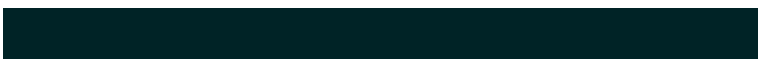
7B9DCD



5C6566



0096A6



002326



# Inverse Universe

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



CD7BC5



FF85F3



CDAB7B



665C65



A60096

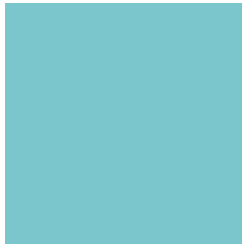


260023



# Previews

## White Background



This preview shows how the Hex color 7BC5CD looks on a white background.

## Color Contrast Check

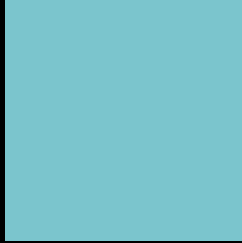
Large Text (above 18pt) WCAG AA × Fail

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 7BC5CD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

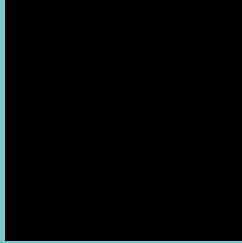
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

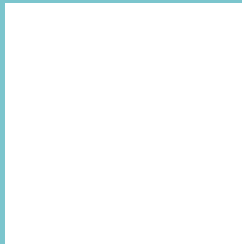
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7BC5CD Background



This preview shows how black text looks on a background with the Hex color 7BC5CD.

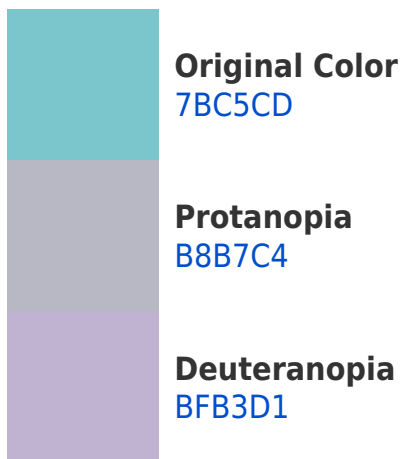


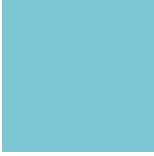
This preview shows how white text looks on a background with the Hex color 7BC5CD.

# 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](#).

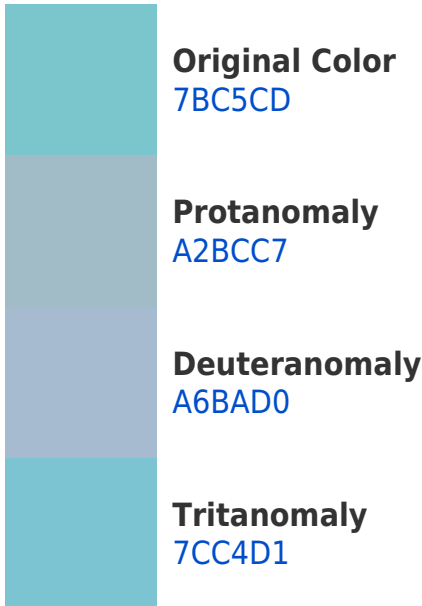
## Dichromacy



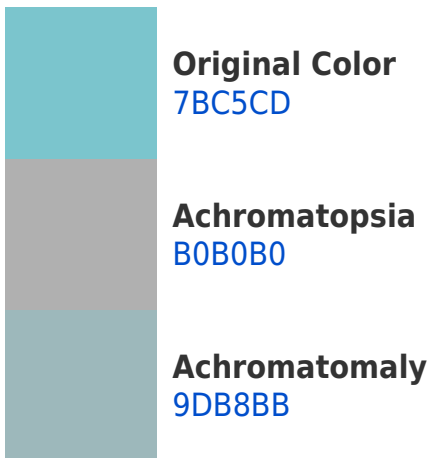


**Tritanopia**  
7DC4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BC5CD 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 #7BC5CD looks like.

```
.text, #text, p{  
    color:#7BC5CD  
}
```

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 #7BC5CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC5CD
}
```

## Border

The CSS property to change the border of an element to Hex 7BC5CD 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
#7BC5CD }
```

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

```
.border{ border-color:#7BC5CD }
```

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

Here you see how a box with a 4 pixel #7BC5CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC5CD; -webkit-box-shadow:4px 4px  
4px 4px #7BC5CD; box-shadow:4px 4px 4px  
4px #7BC5CD }
```

# Background

The CSS property to change the background color of an element to Hex 7BC5CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC5CD }
```

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

```
.background{ background-color:#7BC5CD }
```

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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