

# Converting Colors

Hex(75CECC)

Have a look what the booklet for  
Hex(75CECC) contains.

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**Color**

**Hex(75CECC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75CECC
RGB	117, 206, 204
RGB Percent	46%, 81%, 80%
CMY	0.5412, 0.1922, 0.2000
CMYK	0.43, 0.00, 0.01, 0.19
HSL	179°, 48%, 63%
HSV	179°, 43%, 81%
XYZ	40.3065, 52.2842, 65.0942
YIQ	179.1610, -52.4020, -19.4900

# Conversions

## Conversions Part 2

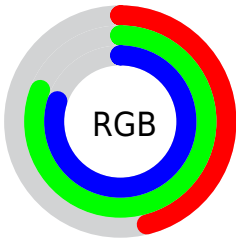
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 162, 206
Decimal	7720652
CIELab	77.45, -27.15, -7.36
CIELCh	77, 28.135, 195.169
Yxy	52.2842, 0.2556, 0.3316
Android (android.graphics.Color)	4285910732 (0xFF75CECC)
YUV	179.1610, 12.2456, -54.5152
Hunter-Lab	72.3078, -27.0374, -2.7597

# Details

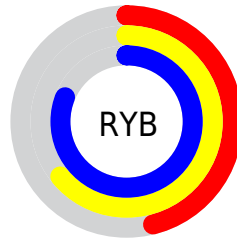
The Hex color **75CECC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CE7577**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **AFFFFFF**, and **3B9796** is the 20% darker color. If you saturate the color by 10%, you get **60CECC**, and if you desaturate by 10%, it is **8ACECC**.

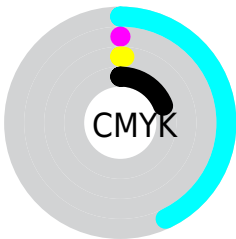
# Distribution



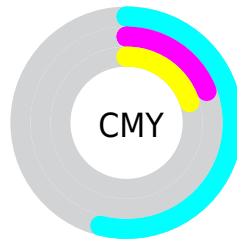
- Red (46%)
- Green (81%)
- Blue (80%)



- Red (46%)
- Yellow (64%)
- Blue (81%)



- Cyan (43%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (54%)
- Magenta (19%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75CECC 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 75CECC by changing the saturation by 10% instead.



 75CECC

 75CECC

FFFFFF

 59B2B1

 AEFFFF

 3B9796

 CBFFFF

 177D7C

 E8FFFF

 006463

 004C4B

 003435

 002120

 000007

 000000

 75CECC

 75CECC

 60CECC

 8ACECC

 4CCECB

 9ECECD

 37CECB

 B3CECD

 23CECA

 C7CECE

 0ECECA

 DCCECE

 00CEC9

 F1CECF

 FFCECF

 FFCED0

# Harmonies

## Analogous

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



8ACDB1



75CECC



75CBE3

# Triad

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



75CECC



D4B4E4



DEB98D

# Complementary

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



75CECC



CE7577

# 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.



EFB19B



75CECC



EBAECD

# Square

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



75CECC



B2BDF1



F4ADB3



C5C28D

# Rectangle

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



75CECC



83C8EE



F4ADB3



E5B691



# Sweetspot

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



75CECC



DEFFFE



78CE75



6B807F



000000



808080



# Same Dimension

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



75CECC



7AFFFC



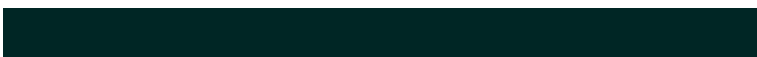
75A4CE



5C6666



00A6A2



002625



# Inverse Universe

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



CE7577



FF7A7D



CE9F75



665C5C



A60004

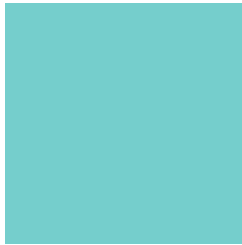


260001



# Previews

## White Background



This preview shows how the Hex color 75CECC looks on a white background.

## Color Contrast Check

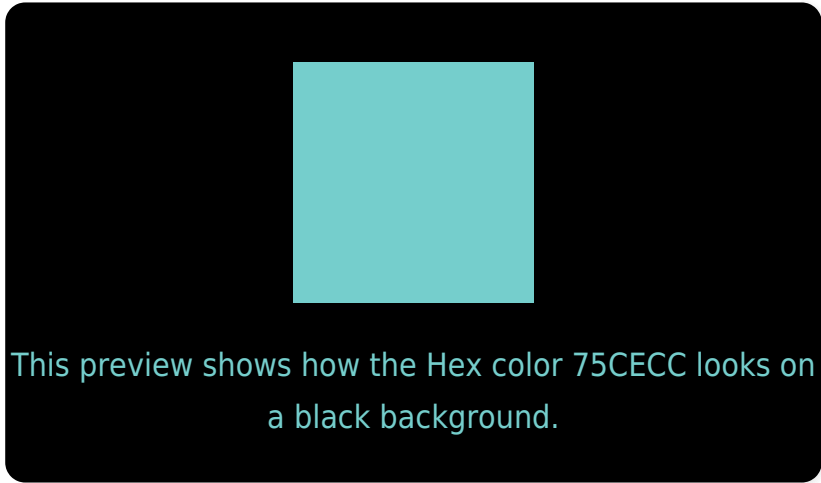
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

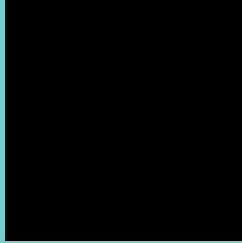
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

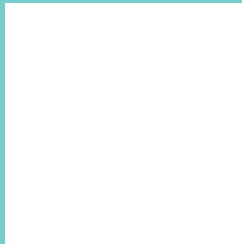
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 75CECC Background



This preview shows how black text looks on a background with the Hex color 75CECC.

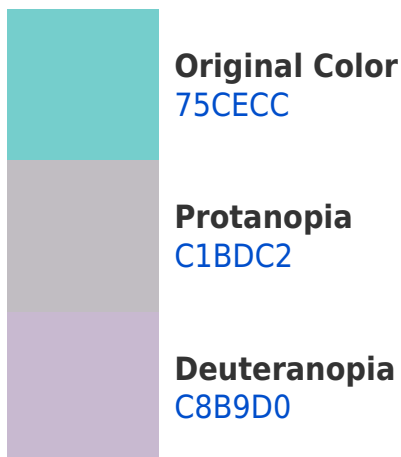


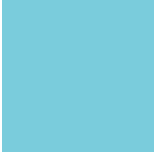
This preview shows how white text looks on a background with the Hex color 75CECC.

# Color Blindness Simulation

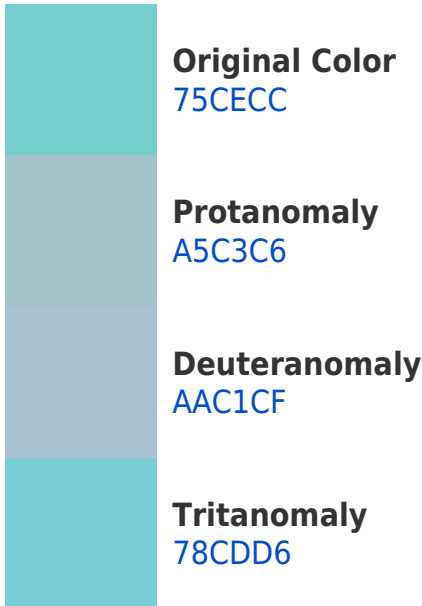
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75CECC 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 #75CECC looks like.

```
.text, #text, p{  
    color:#75CECC  
}
```

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 #75CECC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75CECC
}
```

## Border

The CSS property to change the border of an element to Hex 75CECC 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
#75CECC }
```

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

```
.border{ border-color:#75CECC }
```

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

Here you see how a box with a 4 pixel #75CECC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75CECC; -webkit-box-shadow:4px 4px  
4px 4px #75CECC; box-shadow:4px 4px 4px  
4px #75CECC }
```

# Background

The CSS property to change the background color of an element to Hex 75CECC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75CECC }
```

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

```
.background{ background-color:#75CECC }
```

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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