

# Converting Colors

Hex(71CBC9)

Have a look what the booklet for  
Hex(71CBC9) contains.

<b>Hex(71CBC9)</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(71CBC9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71CBC9
RGB	113, 203, 201
RGB Percent	44%, 80%, 79%
CMY	0.5569, 0.2039, 0.2118
CMYK	0.44, 0.00, 0.01, 0.20
HSL	179°, 46%, 62%
HSV	179°, 44%, 80%
XYZ	38.7086, 50.4396, 62.9540
YIQ	175.8620, -52.9980, -19.7020

# Conversions

## Conversions Part 2

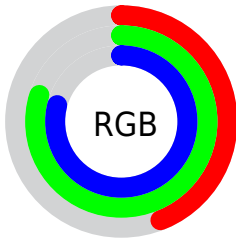
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 159, 203
Decimal	7457737
CIELab	76.34, -27.39, -7.41
CIELCh	76, 28.377, 195.142
Yxy	50.4396, 0.2545, 0.3316
Android (android.graphics.Color)	4285647817 (0xFF71CBC9)
YUV	175.8620, 12.3930, -55.1300
Hunter-Lab	71.0209, -26.9984, -2.8410

# Details

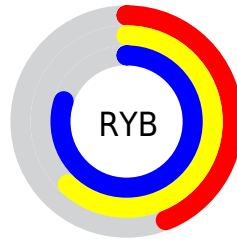
The Hex color **71CBC9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CB7173**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **AAFFFF**, and **369593** is the 20% darker color. If you saturate the color by 10%, you get **5DCBC9**, and if you desaturate by 10%, it is **85CBC9**.

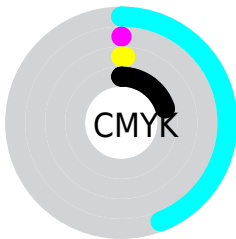
# Distribution



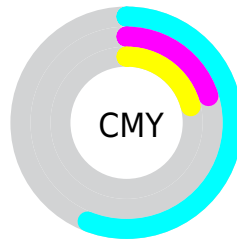
- Red (44%)
- Green (80%)
- Blue (79%)



- Red (44%)
- Yellow (62%)
- Blue (80%)



- Cyan (44%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (56%)
- Magenta (20%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71CBC9 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 71CBC9 by changing the saturation by 10% instead.



 71CBC9

 71CBC9

FFFFFF

 54AFAE

 AAFFFF

 369593

 C7FFFF

 0F7A79

 E4FFFF

 006161

 004949

 003232

 001F1D

 000003

 000000

 71CBC9

 71CBC9

 5DCBC9

 85CBC9

 48CBC8

 9ACBCA

 34CBC8

 AECBCA

 20CBC7

 C2CBCB

 0BCBC7

 D7CBCB

 00CBC6

 EBCBCC

 FFCBCC

 FFCBCD

# Harmonies

## Analogous

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



87CAAE



71CBC9



71C9E1

# Triad

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



71CBC9



D1B1E1



DBB68A

# Complementary

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



71CBC9



CB7173

# 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.



ECAE98



71CBC9



E8ABCA

# Square

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



71CBC9



AEBAEF



F2A9B0



C2BF89

# Rectangle

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



71CBC9



7FC5EB



F2A9B0



E2B38D



# Sweetspot

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



71CBC9



DEFFFE



74CB71



6B807F



000000



808080



# Same Dimension

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



71CBC9



78FFFC



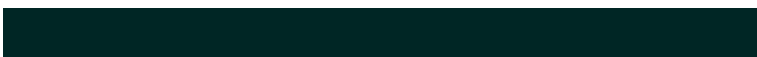
71A1CB



5C6666



00A6A2



002625



# Inverse Universe

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



CB7173



FF787B



CB9B71



665C5C



A60004

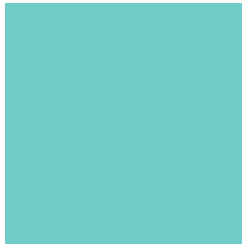


260001



# Previews

## White Background



This preview shows how the Hex color 71CBC9 looks on a white background.

## Color Contrast Check

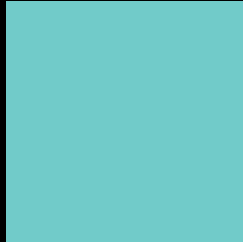
Large Text (above 18pt) WCAG AA × Fail

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 71CBC9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

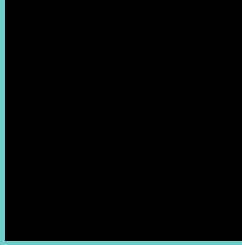
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

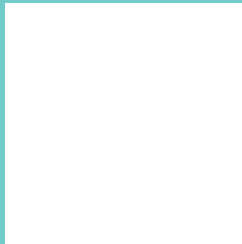
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71CBC9 Background



This preview shows how black text looks on a background with the Hex color 71CBC9.

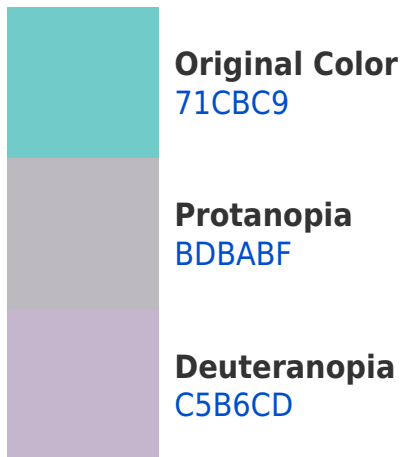


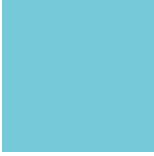
This preview shows how white text looks on a background with the Hex color 71CBC9.

# 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](#).

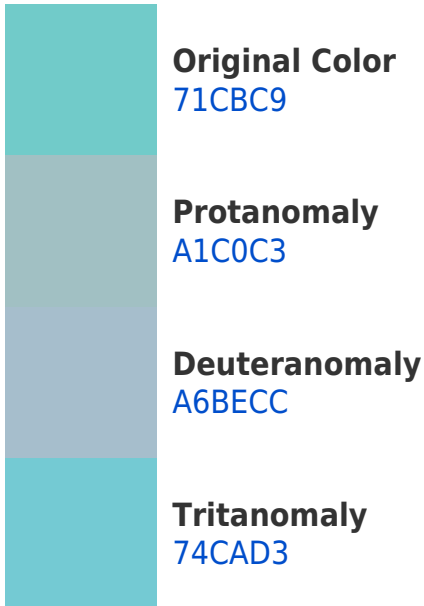
## Dichromacy





**Tritanopia**  
76C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71CBC9 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 #71CBC9 looks like.

```
.text, #text, p{  
    color:#71CBC9  
}
```

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 #71CBC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71CBC9
}
```

## Border

The CSS property to change the border of an element to Hex 71CBC9 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
#71CBC9 }
```

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

```
.border{ border-color:#71CBC9 }
```

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

Here you see how a box with a 4 pixel #71CBC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71CBC9; -webkit-box-shadow:4px 4px  
4px 4px #71CBC9; box-shadow:4px 4px 4px  
4px #71CBC9 }
```

# Background

The CSS property to change the background color of an element to Hex 71CBC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71CBC9 }
```

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

```
.background{ background-color:#71CBC9 }
```

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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