

# Converting Colors

Hex(71BBCC)

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

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# **Color**

**Hex(71BBCC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71BBCC
RGB	113, 187, 204
RGB Percent	44%, 73%, 80%
CMY	0.5569, 0.2667, 0.2000
CMYK	0.45, 0.08, 0.00, 0.20
HSL	191°, 47%, 62%
HSV	191°, 45%, 80%
XYZ	35.4795, 43.4110, 63.6359
YIQ	166.8120, -49.5610, -10.4010

# Conversions

## Conversions Part 2

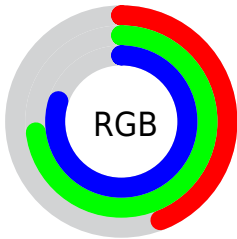
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 154, 204
Decimal	7453644
CIELab	71.83, -18.58, -15.78
CIElCh	72, 24.376, 220.342
Yxy	43.4110, 0.2489, 0.3046
Android (android.graphics.Color)	4285643724 (0xFF71BBCC)
YUV	166.8120, 18.3337, -47.1931
Hunter-Lab	65.8870, -19.1819, -11.1434

# Details

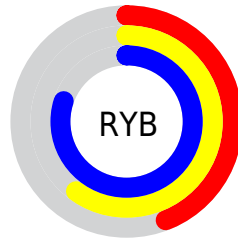
The Hex color **71BBCC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CC8271**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A9F3FF**, and **388696** is the 20% darker color. If you saturate the color by 10%, you get **5DB7CC**, and if you desaturate by 10%, it is **85BFCC**.

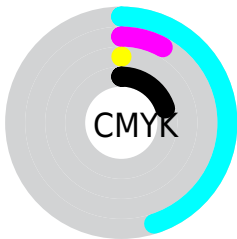
# Distribution



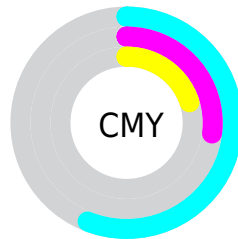
- Red (44%)
- Green (73%)
- Blue (80%)



- Red (44%)
- Yellow (60%)
- Blue (80%)



- Cyan (45%)
- Magenta (8%)
- Yellow (0%)
- Black (20%)



- Cyan (56%)
- Magenta (27%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



 71BBCC

 71BBCC

FFFFFF

 55A0B1

 A9F3FF

 388696

 C6FFFF

 156C7C

 E3FFFF

 005463

 003C4B

 002634

 000E20

 000004

 000000

 71BBCC

 71BBCC

 5DB7CC

 85BFCC

 48B3CC

 9AC3CC

 34B0CC

 AEC6CC

 1FACCC

 C3CACC

 0BA8CC

 D7CECC

 00A6CC

 EBD2CC

 FFD6CC

 FFD9CC

 FFDDCC

# Harmonies

## Analogous

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



74BDB7



71BBCC



82B6D9

# Triad

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



71BBCC



D3A2C0



B9B184

# Complementary

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



71BBCC



CC8271

# 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.



CEAA87



71BBCC



DDA0A9

# Square

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



71BBCC



BDA8D2



DBA394



A0B78E

# Rectangle

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



71BBCC



95B2DC



DBA394



C0AF84

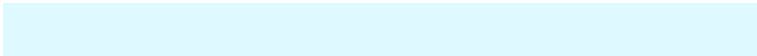


# Sweetspot

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



71BBCC



DEF9FF



71CC82



6B7C80



000000



808080



# Same Dimension

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



71BBCC



75E5FF



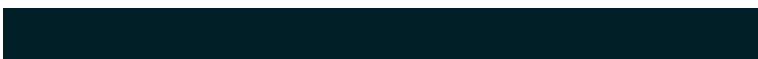
718ECC



5C6466



0087A6



001F26



# Inverse Universe

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



CC71BB



FF75E5



CCAF71



665C64



A60087

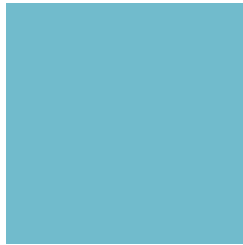


26001F



# Previews

## White Background



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

## Color Contrast Check

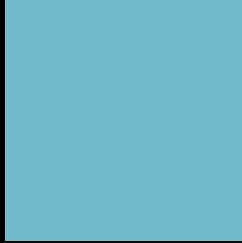
Large Text (above 18pt) WCAG AA × Fail

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 71BBCC 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 71BBCC Background



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

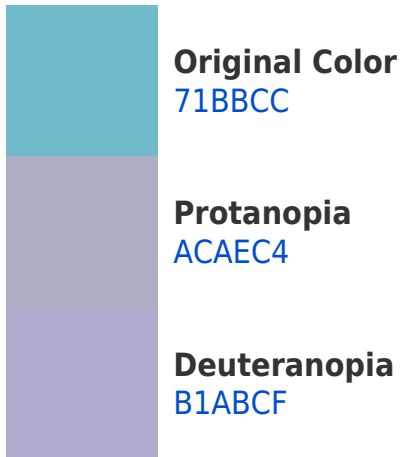


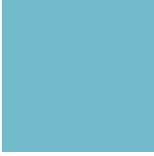
This preview shows how white text looks on a background with the Hex color 71BBCC.

# 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](#).

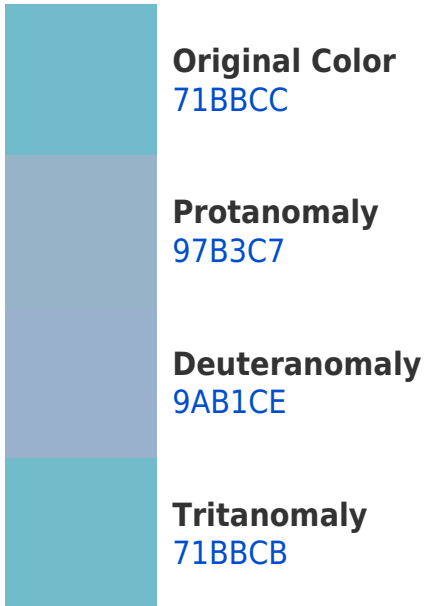
## Dichromacy



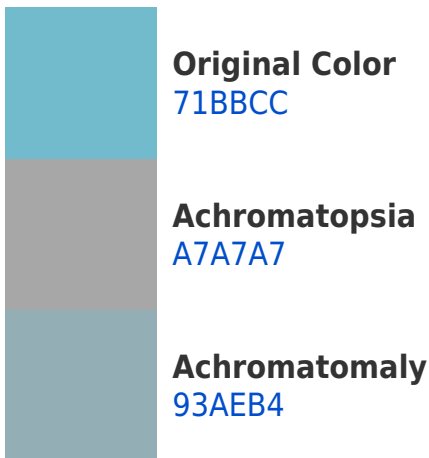


**Tritanopia**  
71BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #71BBCC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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