

# Converting Colors

Hex(71C4EB)

Have a look what the booklet for  
Hex(71C4EB) contains.

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# **Color**

**Hex(71C4EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71C4EB
RGB	113, 196, 235
RGB Percent	44%, 77%, 92%
CMY	0.5569, 0.2314, 0.0784
CMYK	0.52, 0.17, 0.00, 0.08
HSL	199°, 75%, 68%
HSV	199°, 52%, 92%
XYZ	41.5454, 48.9887, 85.8634
YIQ	175.6290, -61.9870, -5.4670

# Conversions

## Conversions Part 2

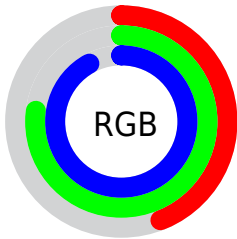
Format	Color
R <sub>Y</sub> B	113, 162, 235
Decimal	7455979
CIE Lab	75.44, -14.70, -27.11
CIE LCh	75, 30.841, 241.539
Yxy	48.9887, 0.2355, 0.2777
Android (android.graphics.Color)	4285646059 (0xFF71C4EB)
YUV	175.6290, 29.2699, -54.9256
Hunter-Lab	69.9919, -16.5330, -23.7403

# Details

The Hex color **71C4EB** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EB9871**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **ABFDFF**, and **328EB3** is the 20% darker color. If you saturate the color by 10%, you get **5ABCEB**, and if you desaturate by 10%, it is **89CCEB**.

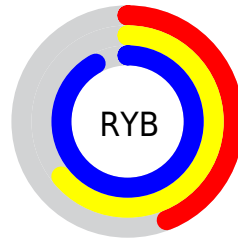
# Distribution



Red (44%)

Green (77%)

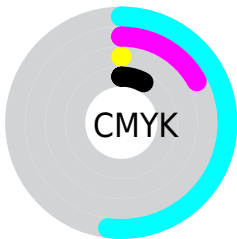
Blue (92%)



Red (44%)

Yellow (64%)

Blue (92%)

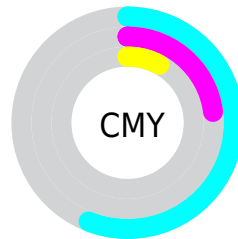


Cyan (52%)

Magenta (17%)

Yellow (0%)

Black (8%)



Cyan (56%)

Magenta (23%)

Yellow (8%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 71C4EB 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 71C4EB by changing the saturation by 10% instead.



 71C4EB

 71C4EB

FFFFFF

 53A9CF

 ABFDFD

 328EB3

 C9FFFF

 007598

 E7FFFF

 005C7E

 004465

 002E4D

 001B36

 000220

 000005

 71C4EB

 71C4EB

 5ABCEB

 89CCEB

 42B5EB

 A0D3EB

 2AADEB

 B8DBEB

 13A6EB

 CFE2EB

 00A0EB

 E7EAEB

 FEF1EB

 FFF9EB

 FFFFEB

# Harmonies

## Analogous

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



60C9D7



71C4EB



97BCF2

# Triad

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



71C4EB



F1A5B9



AEC189

# Complementary

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



71C4EB



EB9871

# 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.



CDB881



71C4EB



F2A79D

# Square

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



71C4EB



E0A9D5



E5AF89



8DC79E

# Rectangle

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



71C4EB



B3B5EF



E5AF89



B9BE84

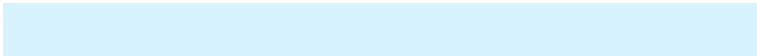


# Sweetspot

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



71C4EB



D6F2FF



71EB98



677880



000000



808080

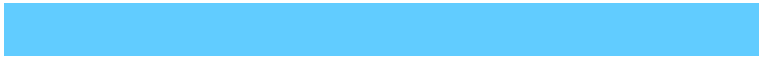


# Same Dimension

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



71C4EB



61CCFF



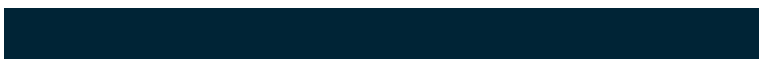
7187EB



6A7275



007BB5



002436



# Inverse Universe

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



EB71C4



FF61CC



EBD571



756A72



B5007B

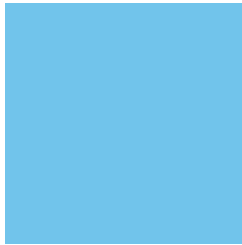


360024



# Previews

## White Background



This preview shows how the Hex color 71C4EB looks on a white background.

## Color Contrast Check

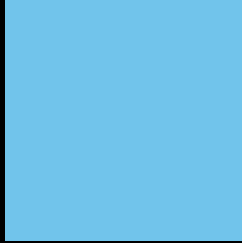
Large Text (above 18pt) WCAG AA × Fail

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 71C4EB 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 71C4EB Background



This preview shows how black text looks on a background with the Hex color 71C4EB.

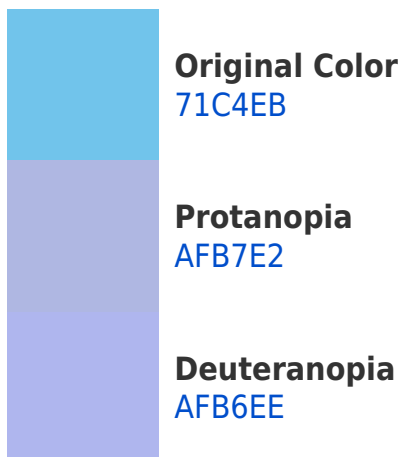


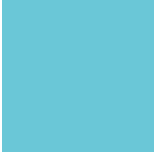
This preview shows how white text looks on a background with the Hex color 71C4EB.

# 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](#).

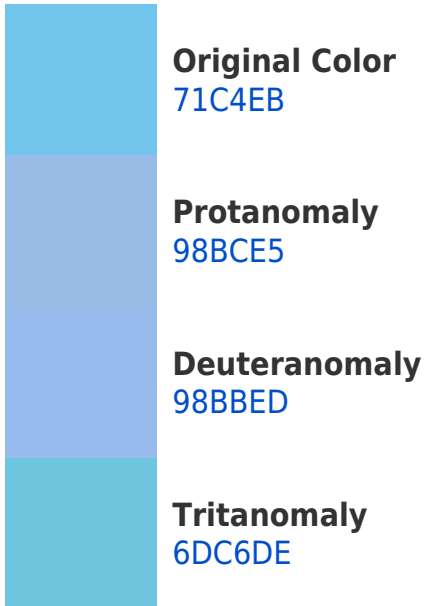
## Dichromacy



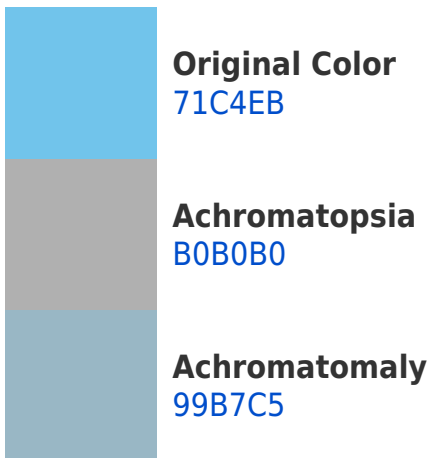


**Tritanopia**  
6AC7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71C4EB 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 #71C4EB looks like.

```
.text, #text, p{  
    color:#71C4EB  
}
```

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 #71C4EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71C4EB
}
```

## Border

The CSS property to change the border of an element to Hex 71C4EB 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
#71C4EB }
```

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

```
.border{ border-color:#71C4EB }
```

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

Here you see how a box with a 4 pixel #71C4EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71C4EB; -webkit-box-shadow:4px 4px  
4px 4px #71C4EB; box-shadow:4px 4px 4px  
4px #71C4EB }
```

# Background

The CSS property to change the background color of an element to Hex 71C4EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71C4EB }
```

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

```
.background{ background-color:#71C4EB }
```

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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