

# Converting Colors

Hex(75C9F0)

Have a look what the booklet for  
Hex(75C9F0) contains.

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# **Color**

**Hex(75C9F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75C9F0
RGB	117, 201, 240
RGB Percent	46%, 79%, 94%
CMY	0.5412, 0.2118, 0.0588
CMYK	0.51, 0.16, 0.00, 0.06
HSL	199°, 80%, 70%
HSV	199°, 51%, 94%
XYZ	43.9509, 51.8465, 90.1290
YIQ	180.3300, -62.5830, -5.6790

# Conversions

## Conversions Part 2

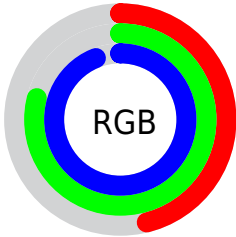
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	117, 167, 240
Decimal	7719408
CIE Lab	77.19, -15.03, -27.12
CIE LCh	77, 31.003, 241.000
Yxy	51.8465, 0.2364, 0.2789
Android (android.graphics.Color)	4285909488 (0xFF75C9F0)
YUV	180.3300, 29.4173, -55.5404
Hunter-Lab	72.0045, -17.0530, -23.8109

# Details

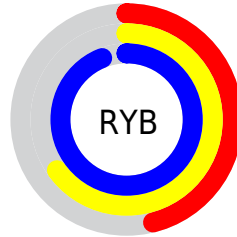
The Hex color **75C9F0** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F09C75**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B0FFFF**, and **3793B8** is the 20% darker color. If you saturate the color by 10%, you get **5DC1F0**, and if you desaturate by 10%, it is **8DD1F0**.

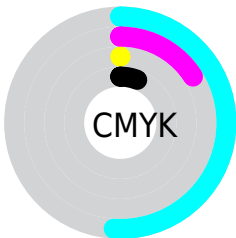
# Distribution



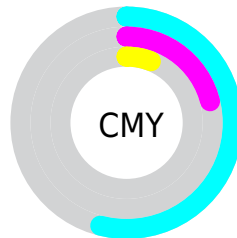
- Red (46%)
- Green (79%)
- Blue (94%)



- Red (46%)
- Yellow (65%)
- Blue (94%)



- Cyan (51%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)



- Cyan (54%)
- Magenta (21%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75C9F0 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 75C9F0 by changing the saturation by 10% instead.



 75C9F0

 75C9F0

FFFFFF

 57AED4

 B0FFFF

 3793B8

 CDFFFF

 02799D

 EBFFFF

 006083

 004969

 003251

 001E3A

 000224

 00000C

■ 75C9F0

■ 75C9F0

■ 5DC1F0

■ 8DD1F0

■ 45BAF0

■ A5D8F0

■ 2DB2F0

■ BDE0F0

■ 15ABF0

■ D5E7F0

■ 00A4F0

■ EDEFF0

■ FFF7F0

■ FFFEFO

■ FFFFF0

# Harmonies

## Analogous

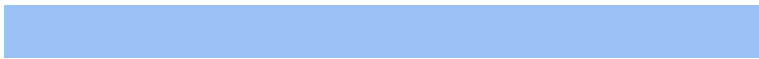
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65CEDB



75C9F0



9BC1F8

# Triad

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



75C9F0



F6A9BF



B3C68D

# Complementary

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



75C9F0



F09C75

# 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.



D2BD85



75C9F0



F7ACA2

# Square

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



75C9F0



E4AEDB



EAB38D



92CCA2

# Rectangle

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



75C9F0



B7BAF4



EAB38D



BEC389

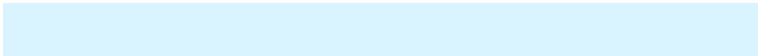


# Sweetspot

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



75C9F0



D9F3FF



75F09C



697880



000000



808080



# Same Dimension

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



75C9F0



61CDFE



758CF0



6C7478



007DB8



002638



# Inverse Universe

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



F075C9



FF61CD



F0D975



786C74



B8007D

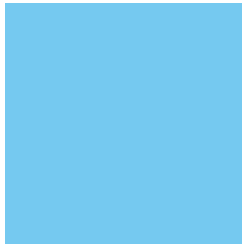


380026



# Previews

## White Background



This preview shows how the Hex color 75C9F0 looks on a white background.

## Color Contrast Check

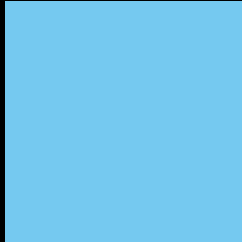
Large Text (above 18pt) WCAG AA × Fail

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 75C9F0 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 75C9F0 Background



This preview shows how black text looks on a background with the Hex color 75C9F0.

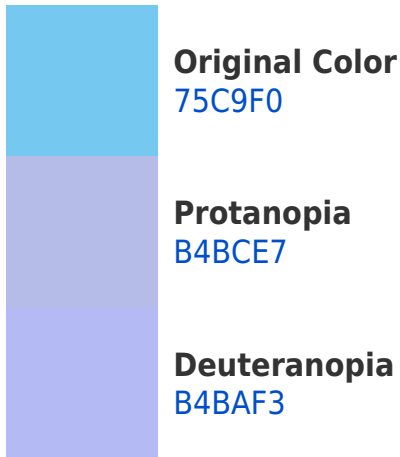


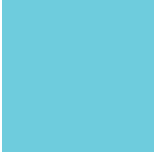
This preview shows how white text looks on a background with the Hex color 75C9F0.

# 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](#).

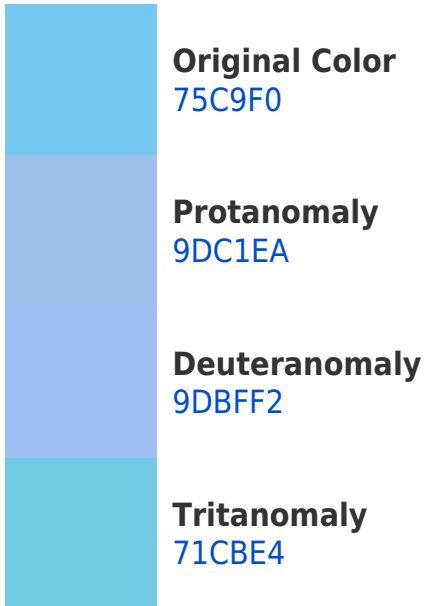
## Dichromacy



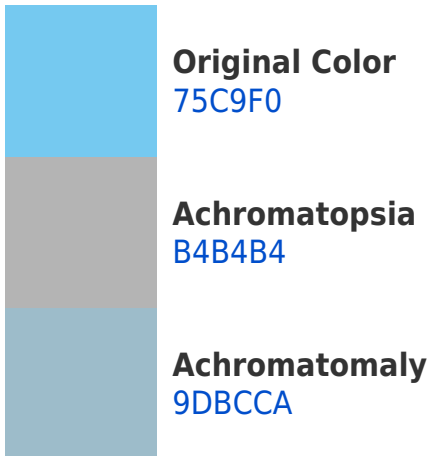


**Tritanopia**  
6ECCDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75C9F0 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 #75C9F0 looks like.

```
.text, #text, p{  
    color:#75C9F0  
}
```

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 #75C9F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75C9F0
}
```

## Border

The CSS property to change the border of an element to Hex 75C9F0 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
#75C9F0 }
```

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

```
.border{ border-color:#75C9F0 }
```

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

Here you see how a box with a 4 pixel #75C9F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75C9F0; -webkit-box-shadow:4px 4px  
4px 4px #75C9F0; box-shadow:4px 4px 4px  
4px #75C9F0 }
```

# Background

The CSS property to change the background color of an element to Hex 75C9F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75C9F0 }
```

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

```
.background{ background-color:#75C9F0 }
```

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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