

# Converting Colors

Hex(73C0F5)

Have a look what the booklet for  
Hex(73C0F5) contains.

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# **Color**

**Hex(73C0F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73C0F5
RGB	115, 192, 245
RGB Percent	45%, 75%, 96%
CMY	0.5490, 0.2471, 0.0392
CMYK	0.53, 0.22, 0.00, 0.04
HSL	204°, 87%, 71%
HSV	204°, 53%, 96%
XYZ	42.4013, 47.9367, 93.4041
YIQ	175.0190, -62.9050, 0.1590

# Conversions

## Conversions Part 2

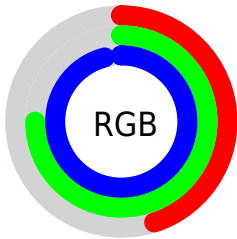
Format	Color
R <sub>Y</sub> B	115, 163, 245
Decimal	7586037
CIE Lab	74.78, -9.27, -33.51
CIE LCh	75, 34.766, 254.540
Yxy	47.9367, 0.2308, 0.2609
Android (android.graphics.Color)	4285776117 (0xFF73C0F5)
YUV	175.0190, 34.5006, -52.6367
Hunter-Lab	69.2363, -11.8477, -31.5205

# Details

The Hex color **73C0F5** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F5A873**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **AEF8FF**, and **338BBD** is the 20% darker color. If you saturate the color by 10%, you get **5BB6F5**, and if you desaturate by 10%, it is **8CCAF5**.

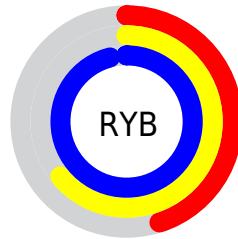
# Distribution



Red (45%)

Green (75%)

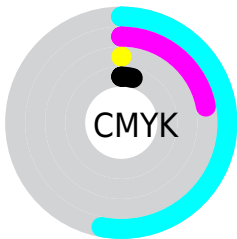
Blue (96%)



Red (45%)

Yellow (64%)

Blue (96%)

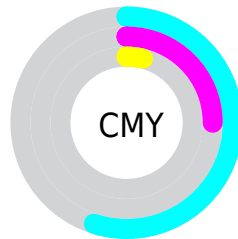


Cyan (53%)

Magenta (22%)

Yellow (0%)

Black (4%)



Cyan (55%)

Magenta (25%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73C0F5 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 73C0F5 by changing the saturation by 10% instead.



 73C0F5

 73C0F5

FFFFFF

 55A5D8

 AEF8FF

 338BBB

 CCFFFF

 0071A1

 E9FFFF

 005987

 00426D

 002C55

 00183D

 000327

 000110

 73C0F5

 73C0F5

 5BB6F5


 8CCAF5

 42ACF5

 A4D4F5

 2AA2F5

 BDDEF5

 1198F5

 D5E8F5

 0091F5

 EE2F5

 FFFCF5

 FFFFF5

# Harmonies

## Analogous

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



4DC7E4



73C0F5



A5B6F6

# Triad

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



73C0F5



F8A0A9



9AC389

# Complementary

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



73C0F5



F5A873

# 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.



**BEBB79**



**73C0F5**



**F1A68D**

# Square

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



73C0F5



EDA2CA



DDB07B



74C8A6

# Rectangle

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



73C0F5



C3AEED



DDB07B



A7C182

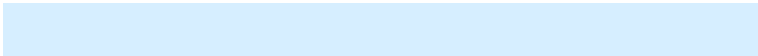


# Sweetspot

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



73C0F5



D6EEFF



73F5A7



677680



000000



808080

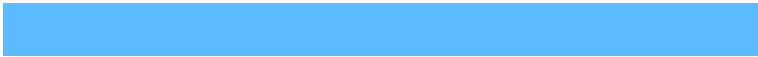


# Same Dimension

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



73C0F5



5CBCFF



7380F5



6E757A



006EBA



00233B



# Inverse Universe

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



F573C0



FF5CBC



F5E873



7A6E75



BA006E

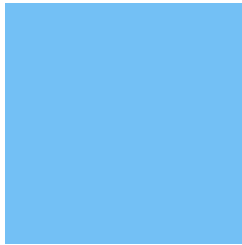


3B0023



# Previews

## White Background



This preview shows how the Hex color 73C0F5 looks on a white background.

## Color Contrast Check

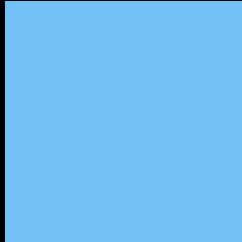
Large Text (above 18pt) WCAG AA × Fail

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 73C0F5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

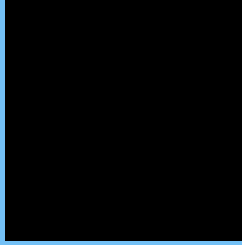
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

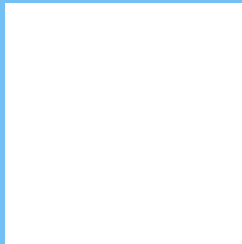
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 73C0F5 Background



This preview shows how black text looks on a background with the Hex color 73C0F5.

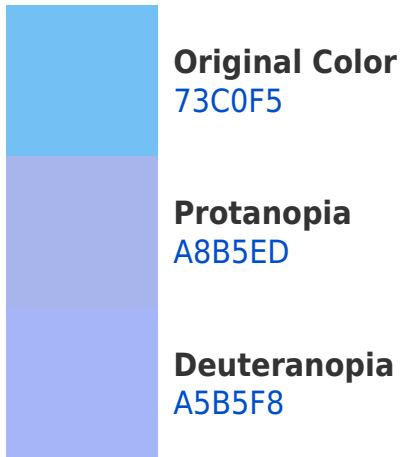


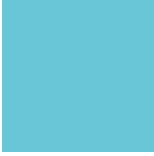
This preview shows how white text looks on a background with the Hex color 73C0F5.

# 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](#).

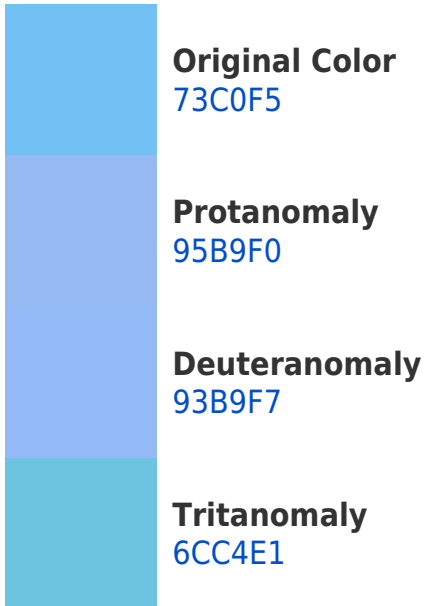
## Dichromacy



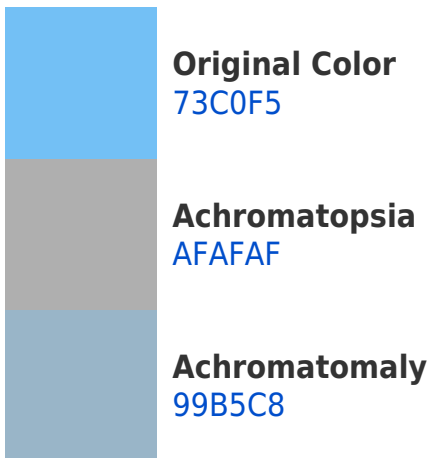


**Tritanopia**  
68C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73C0F5 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 #73C0F5 looks like.

```
.text, #text, p{  
    color:#73C0F5  
}
```

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 #73C0F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73C0F5
}
```

## Border

The CSS property to change the border of an element to Hex 73C0F5 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
#73C0F5 }
```

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

```
.border{ border-color:#73C0F5 }
```

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

Here you see how a box with a 4 pixel #73C0F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73C0F5; -webkit-box-shadow:4px 4px  
4px 4px #73C0F5; box-shadow:4px 4px 4px  
4px #73C0F5 }
```

# Background

The CSS property to change the background color of an element to Hex 73C0F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73C0F5 }
```

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

```
.background{ background-color:#73C0F5 }
```

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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