

# Converting Colors

Hex(73C4F5)

Have a look what the booklet for  
Hex(73C4F5) contains.

<b>Hex(73C4F5)</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(73C4F5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73C4F5
RGB	115, 196, 245
RGB Percent	45%, 77%, 96%
CMY	0.5490, 0.2314, 0.0392
CMYK	0.53, 0.20, 0.00, 0.04
HSL	203°, 87%, 71%
HSV	203°, 53%, 96%
XYZ	43.2916, 49.7173, 93.7009
YIQ	177.3670, -64.0050, -1.9330

# Conversions

## Conversions Part 2

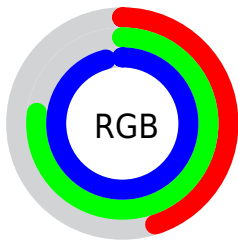
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 165, 245</a>
Decimal	<a href="#">7587061</a>
CIELab	<a href="#">75.90, -11.40, -31.80</a>
CIElCh	<a href="#">76, 33.776, 250.278</a>
Yxy	<a href="#">49.7173, 0.2319, 0.2663</a>
Android (android.graphics.Color)	<a href="#">4285777141 (0xFF73C4F5)</a>
YUV	<a href="#">177.3670, 33.3431, -54.6959</a>
Hunter-Lab	<a href="#">70.5105, -13.7990, -29.4327</a>

# Details

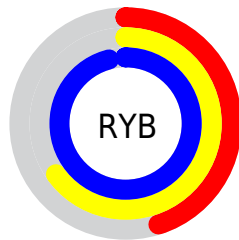
The Hex color **73C4F5** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F5A473**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **AEFDFF**, and **338EBD** is the 20% darker color. If you saturate the color by 10%, you get **5BBBF5**, and if you desaturate by 10%, it is **8CCDF5**.

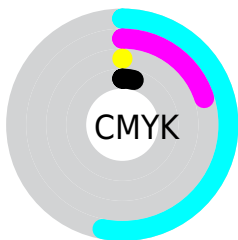
# Distribution



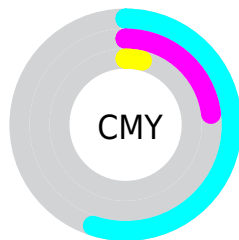
- Red (45%)
- Green (77%)
- Blue (96%)



- Red (45%)
- Yellow (65%)
- Blue (96%)



- Cyan (53%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (55%)
- Magenta (23%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73C4F5 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 73C4F5 by changing the saturation by 10% instead.



 73C4F5

 73C4F5

FFFFFF

 55A9D8

 AEFDF5

 338EBD

 CCFFFF

 0075A1

 EAFFFF

 005C87

 00456D

 002F55

 001B3D

 000327

 000111

 73C4F5

 73C4F5

 5BBBF5


 8CCDF5

 42B2F5


 A4D6F5

 2AA8F5

 BDE0F5

 119FF5

 D5E9F5

 0099F5

 EEF2F5

 FFFBF5

 FFFFF5

# Harmonies

## Analogous

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



54CAE2



73C4F5



A2BAF8

# Triad

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



73C4F5



F9A4B1



A4C58B

# Complementary

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



73C4F5



F5A473

# 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.



C6BD7D



73C4F5



F5A894

# Square

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



73C4F5



EBA6D1



E3B281



7FCBA5

# Rectangle

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



73C4F5



C0B3F1



E3B281



AFC384

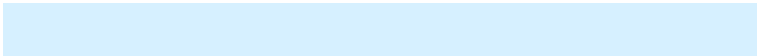


# Sweetspot

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



73C4F5



D6F0FF



73F5A3



677680



000000



808080



# Same Dimension

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



73C4F5



5CC1FF



7384F5



6E767A



0074BA



00253B



# Inverse Universe

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



F573C4



FF5CC1



F5E473



7A6E76



BA0074

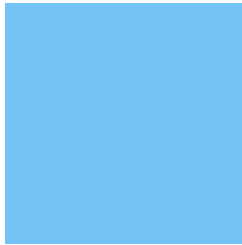


3B0025



# Previews

## White Background



This preview shows how the Hex color 73C4F5 looks on a white background.

## Color Contrast Check

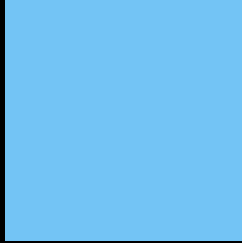
Large Text (above 18pt) WCAG AA × Fail

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 73C4F5 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

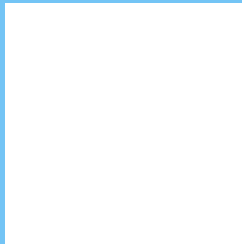
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 73C4F5 Background



This preview shows how black text looks on a background with the Hex color 73C4F5.

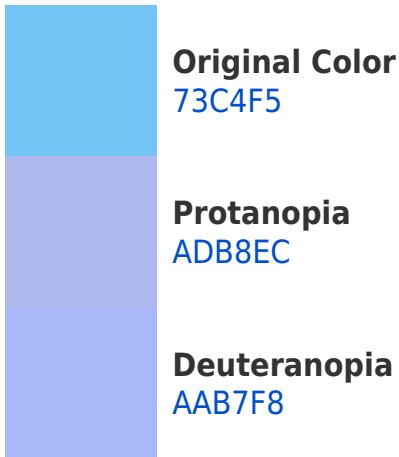


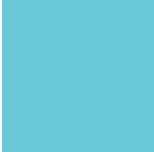
This preview shows how white text looks on a background with the Hex color 73C4F5.

# 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](#).

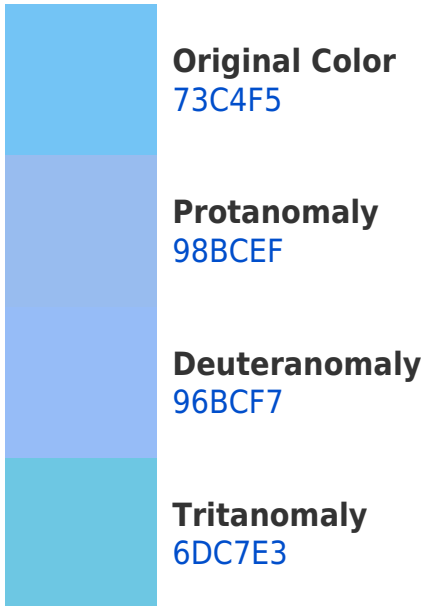
## Dichromacy



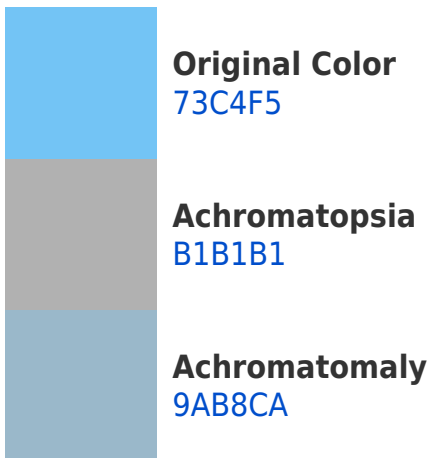


**Tritanopia**  
69C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73C4F5 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 #73C4F5 looks like.

```
.text, #text, p{  
    color:#73C4F5  
}
```

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 #73C4F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73C4F5
}
```

## Border

The CSS property to change the border of an element to Hex 73C4F5 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
#73C4F5 }
```

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

```
.border{ border-color:#73C4F5 }
```

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

Here you see how a box with a 4 pixel #73C4F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73C4F5; -webkit-box-shadow:4px 4px  
4px 4px #73C4F5; box-shadow:4px 4px 4px  
4px #73C4F5 }
```

# Background

The CSS property to change the background color of an element to Hex 73C4F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73C4F5 }
```

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

```
.background{ background-color:#73C4F5 }
```

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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