

# Converting Colors

Hex(74C5F3)

Have a look what the booklet for  
Hex(74C5F3) contains.

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# **Color**

**Hex(74C5F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74C5F3
RGB	116, 197, 243
RGB Percent	45%, 77%, 95%
CMY	0.5451, 0.2275, 0.0471
CMYK	0.52, 0.19, 0.00, 0.05
HSL	202°, 84%, 70%
HSV	202°, 52%, 95%
XYZ	43.3464, 50.1166, 92.1829
YIQ	178.0250, -63.0420, -2.8660

# Conversions

## Conversions Part 2

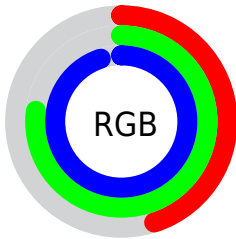
Format	Color
R <sub>Y</sub> B	116, 165, 243
Decimal	7652851
CIE Lab	76.14, -12.29, -30.34
CIE LCh	76, 32.735, 247.942
Yxy	50.1166, 0.2335, 0.2700
Android (android.graphics.Color)	4285842931 (0xFF74C5F3)
YUV	178.0250, 32.0327, -54.3959
Hunter-Lab	70.7931, -14.5929, -27.6491

# Details

The Hex color **74C5F3** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F3A274**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **AFFEFF**, and **358FBB** is the 20% darker color. If you saturate the color by 10%, you get **5CBCF3**, and if you desaturate by 10%, it is **8CCEF3**.

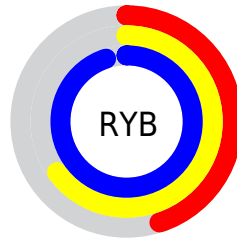
# Distribution



Red (45%)

Green (77%)

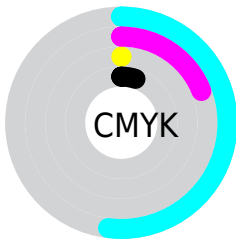
Blue (95%)



Red (45%)

Yellow (65%)

Blue (95%)

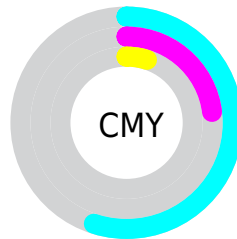


Cyan (52%)

Magenta (19%)

Yellow (0%)

Black (5%)



Cyan (55%)

Magenta (23%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74C5F3 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 74C5F3 by changing the saturation by 10% instead.



 74C5F3

 74C5F3

FFFFFF

 56AAD7

 AFFE FF

 358FBB

 CCFF FF

 0076A0

 EAFF FF


 005D85

 00456C

 002F53

 001B3C

 000326

 00010F

■ 74C5F3

■ 74C5F3

■ 5CBCF3

■ 8CCEF3

■ 43B3F3

■ A5D7F3

■ 2BABF3

■ BDDFF3

■ 13A2F3

■ D5E8F3

■ 009BF3

■ EDF1F3

■ FFFAF3

■ FFFFF3

# Harmonies

## Analogous

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



5ACBE0



74C5F3



A0BCF7

# Triad

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



74C5F3



F7A5B5



A8C58B

# Complementary

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



74C5F3



F3A274

# 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.



C9BC80



74C5F3



F5A998

# Square

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



74C5F3



E9A8D3



E4B284



84CBA4

# Rectangle

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



74C5F3



BDB5F1



E4B284



B3C286

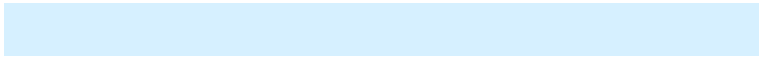


# Sweetspot

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



74C5F3



D6F0FF



74F3A0



677780



000000



808080



# Same Dimension

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



74C5F3



5EC5FF



7487F3



6E767A



0077BA



00253B



# Inverse Universe

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



F374C5



FF5EC5



F3E074



7A6E76



BA0077

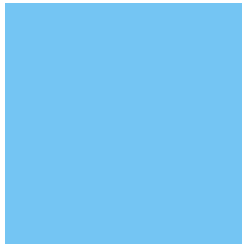


3B0025



# Previews

## White Background



This preview shows how the Hex color 74C5F3 looks on a white background.

## Color Contrast Check

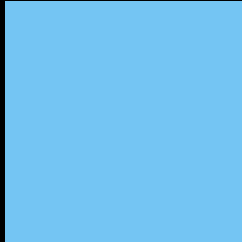
Large Text (above 18pt) WCAG AA × Fail

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 74C5F3 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

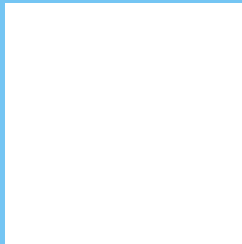
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 74C5F3 Background



This preview shows how black text looks on a background with the Hex color 74C5F3.

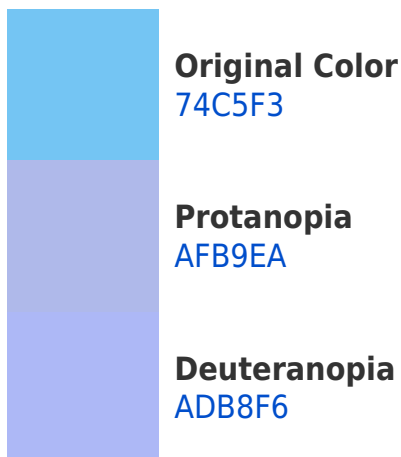


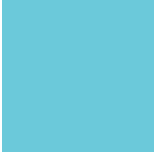
This preview shows how white text looks on a background with the Hex color 74C5F3.

# 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](#).

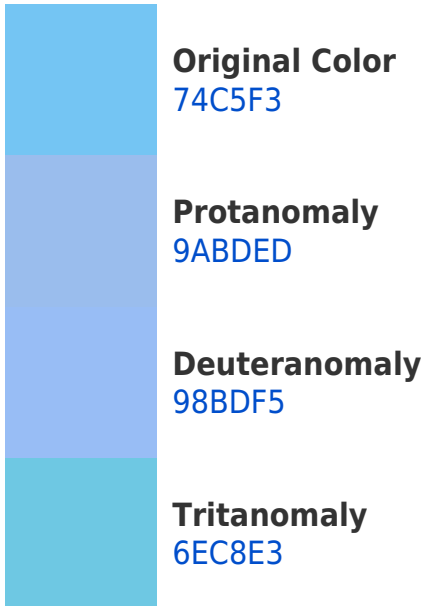
## Dichromacy



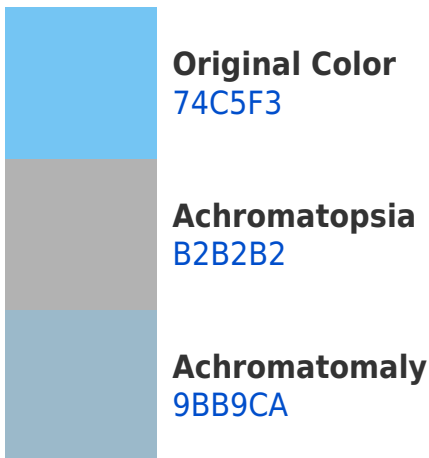


**Tritanopia**  
6BC9DA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74C5F3 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 #74C5F3 looks like.

```
.text, #text, p{  
    color:#74C5F3  
}
```

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 #74C5F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74C5F3
}
```

## Border

The CSS property to change the border of an element to Hex 74C5F3 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
#74C5F3 }
```

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

```
.border{ border-color:#74C5F3 }
```

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

Here you see how a box with a 4 pixel #74C5F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74C5F3; -webkit-box-shadow:4px 4px  
4px 4px #74C5F3; box-shadow:4px 4px 4px  
4px #74C5F3 }
```

# Background

The CSS property to change the background color of an element to Hex 74C5F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74C5F3 }
```

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

```
.background{ background-color:#74C5F3 }
```

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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