

# Converting Colors

Hex(77C5F4)

Have a look what the booklet for  
Hex(77C5F4) contains.

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# **Color**

**Hex(77C5F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77C5F4
RGB	119, 197, 244
RGB Percent	47%, 77%, 96%
CMY	0.5333, 0.2275, 0.0431
CMYK	0.51, 0.19, 0.00, 0.04
HSL	203°, 85%, 71%
HSV	203°, 51%, 96%
XYZ	43.9031, 50.3861, 92.9995
YIQ	179.0360, -61.5750, -1.9190

# Conversions

## Conversions Part 2

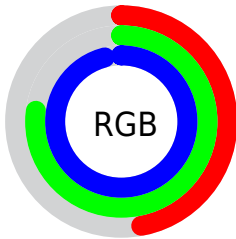
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	119, 167, 244
Decimal	7849460
CIE <sub>Lab</sub>	76.31, -11.36, -30.61
CIE <sub>LCh</sub>	76, 32.653, 249.634
Y <sub>xy</sub>	50.3861, 0.2344, 0.2690
Android (android.graphics.Color)	4286039540 (0xFF77C5F4)
Y <sub>UV</sub>	179.0360, 32.0273, -52.6516
Hunter-Lab	70.9832, -13.8182, -27.9913

# Details

The Hex color **77C5F4** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F4A677**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **B2FEFF**, and **398FBC** is the 20% darker color. If you saturate the color by 10%, you get **5FBCF4**, and if you desaturate by 10%, it is **8FCEF4**.

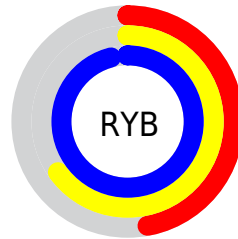
# Distribution



Red (47%)

Green (77%)

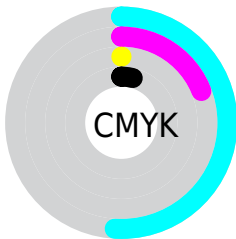
Blue (96%)



Red (47%)

Yellow (65%)

Blue (96%)

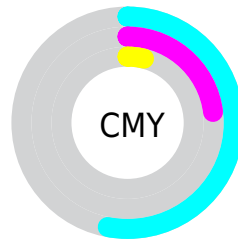


Cyan (51%)

Magenta (19%)

Yellow (0%)

Black (4%)



Cyan (53%)

Magenta (23%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77C5F4 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 77C5F4 by changing the saturation by 10% instead.



 77C5F4

 77C5F4

FFFFFF

 59AAD7

 B2FEFF

 398FBC

 CFFFFFF

 0876A1

 EDFFFF

 005D86

 00466D

 002F54

 001B3D

 000327

 000110

 77C5F4

 77C5F4

 5FBCF4

 8FCEF4

 46B3F4

 A8D7F4

 2EA9F4

 C0E1F4

 15A0F4

 D9EAF4

 0098F4

 F1F3F4

 FFFCF4

 FFFFF4

# Harmonies

## Analogous

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



5BCBE2



77C5F4



A3BCF7

# Triad

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



77C5F4



F8A6B3



A6C68D

# Complementary

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



77C5F4



F4A677

# 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.



C8BD80



77C5F4



F5AA97

# Square

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



77C5F4



EBA8D2



E3B384



83CBA6

# Rectangle

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



77C5F4



C0B5F1



E3B384



B2C387

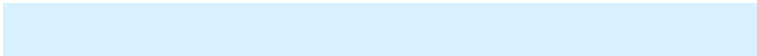


# Sweetspot

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



77C5F4



D9F1FF



77F4A5



697780



000000



808080

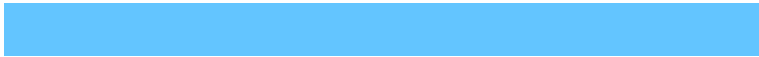


# Same Dimension

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



77C5F4



63C5FF



7788F4



6E767A



0074BA



00253B



# Inverse Universe

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



F477C5



FF63C5



F4E377



7A6E76



BA0074

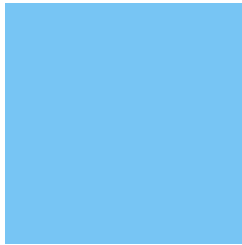


3B0025



# Previews

## White Background



This preview shows how the Hex color 77C5F4 looks on a white background.

## Color Contrast Check

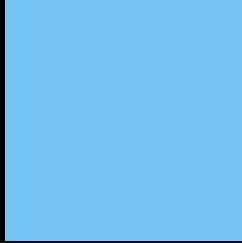
Large Text (above 18pt) WCAG AA × Fail

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 77C5F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

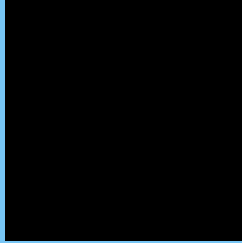
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

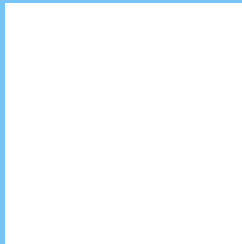
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 77C5F4 Background



This preview shows how black text looks on a background with the Hex color 77C5F4.

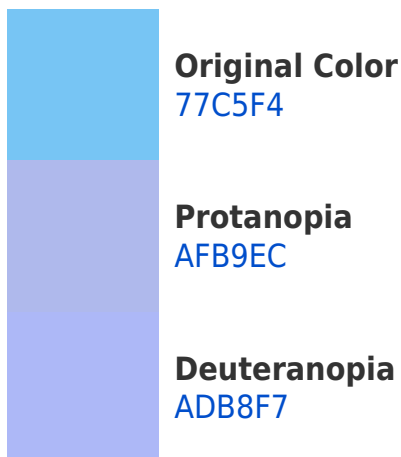


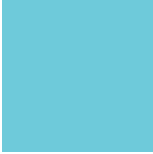
This preview shows how white text looks on a background with the Hex color 77C5F4.

# Color Blindness Simulation

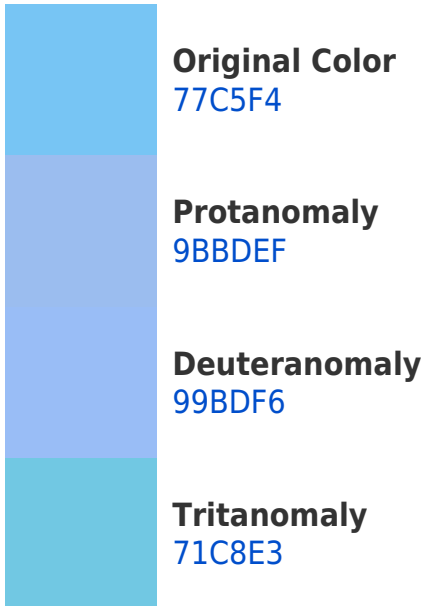
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

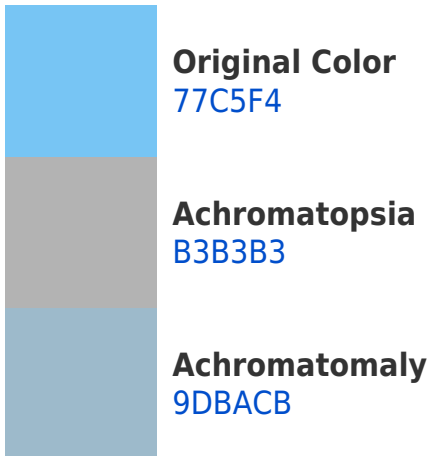




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77C5F4 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 #77C5F4 looks like.

```
.text, #text, p{  
    color:#77C5F4  
}
```

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 #77C5F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77C5F4
}
```

## Border

The CSS property to change the border of an element to Hex 77C5F4 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
#77C5F4 }
```

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

```
.border{ border-color:#77C5F4 }
```

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

Here you see how a box with a 4 pixel #77C5F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77C5F4; -webkit-box-shadow:4px 4px  
4px 4px #77C5F4; box-shadow:4px 4px 4px  
4px #77C5F4 }
```

# Background

The CSS property to change the background color of an element to Hex 77C5F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77C5F4 }
```

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

```
.background{ background-color:#77C5F4 }
```

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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