

Converting Colors

Hex(77C6F7)

Have a look what the booklet for
Hex(77C6F7) contains.

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Color

Hex(77C6F7)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 77C6F7 |
| RGB | 119, 198, 247 |
| RGB Percent | 47%, 78%, 97% |
| CMY | 0.5333, 0.2235, 0.0314 |
| CMYK | 0.52, 0.20, 0.00, 0.03 |
| HSL | 203°, 89%, 72% |
| HSV | 203°, 52%, 97% |
| XYZ | 44.5903, 51.0255, 95.4944 |
| YIQ | 179.9650, -62.8130, -1.5090 |

Conversions

Conversions Part 2

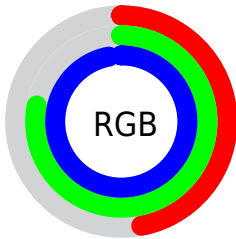
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 119, 168, 247 |
| Decimal | 7849719 |
| CIE Lab | 76.69, -11.03, -31.62 |
| CIE LCh | 77, 33.493, 250.766 |
| Yxy | 51.0255, 0.2333, 0.2670 |
| Android (android.graphics.Color) | 4286039799 (0xFF77C6F7) |
| YUV | 179.9650, 33.0483, -53.4663 |
| Hunter-Lab | 71.4321, -13.5806, -29.2597 |

Details

The Hex color **77C6F7** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F7A877**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B2FFFF**, and **3890BE** is the 20% darker color. If you saturate the color by 10%, you get **5EBDF7**, and if you desaturate by 10%, it is **90CFF7**.

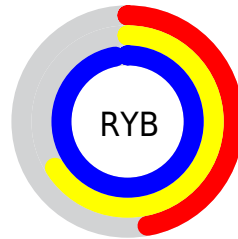
Distribution



Red (47%)

Green (78%)

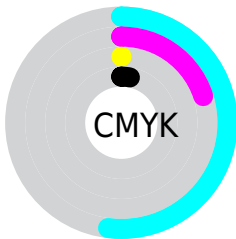
Blue (97%)



Red (47%)

Yellow (66%)

Blue (97%)

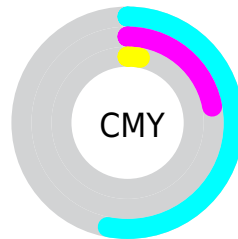


Cyan (52%)

Magenta (20%)

Yellow (0%)

Black (3%)



Cyan (53%)

Magenta (22%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77C6F7 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 77C6F7 by changing the saturation by 10% instead.

 77C6F7

 77C6F7

FFFFFF

 59ABDA

 B2FFFF

 3890BE

 CFFFFFF

 0477A3


 EDFFFF

 005E89

 00466F

 003057

 001C3F

 000329

 000113

■ 77C6F7

■ 77C6F7

■ 5EBDF7

■ 90CFF7

■ 46B3F7

■ A8D9F7

■ 2DAAF7

■ C1E2F7

■ 14A0F7

■ DAECF7

■ 0098F7

■ F3F5F7

■ FFFFF7

Harmonies

Analogous

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



59CCE5



77C6F7



A5BCFA

Triad

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



77C6F7



FBA6B3



A5C78D

Complementary

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



77C6F7



F7A877

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.



C8BF80



77C6F7



F7AB96

Square

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



77C6F7



EEA9D2



E4B483



81CDA8

Rectangle

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



77C6F7



C3B5F2



E4B483



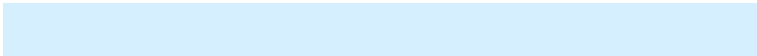
B1C587

Sweetspot

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



77C6F7



D6EFFF



77F7A6



677680



000000



808080

Same Dimension

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



77C6F7



61C2FF



7788F7



6E767A



0073BA



00243B

Inverse Universe

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



F777C6



FF61C2



F7E677



7A6E76



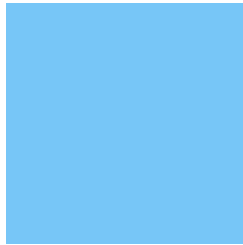
BA0073



3B0024

Previews

White Background



This preview shows how the Hex color 77C6F7 looks on a white background.

Color Contrast Check

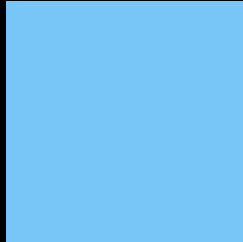
Large Text (above 18pt) WCAG AA × Fail

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 77C6F7 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

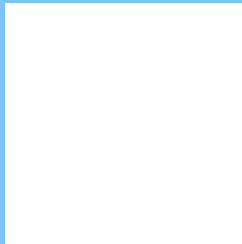
Any Text WCAG AAA ✓ Pass

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

Hex 77C6F7 Background



This preview shows how black text looks on a background with the Hex color 77C6F7.

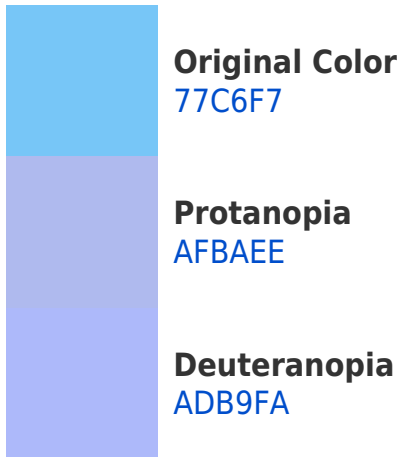


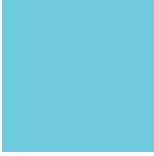
This preview shows how white text looks on a background with the Hex color 77C6F7.

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](#).

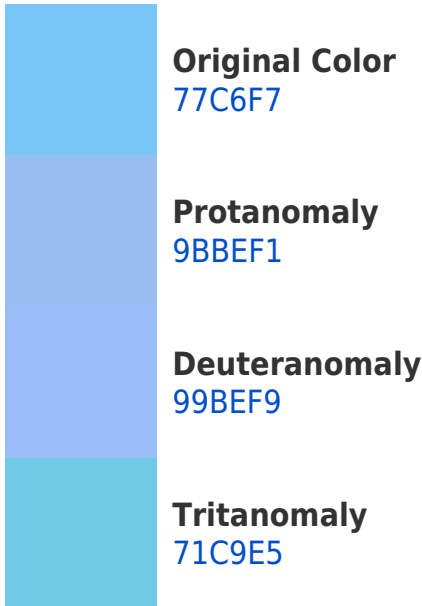
Dichromacy





Tritanopia
6DCBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77C6F7 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 #77C6F7 looks like.

```
.text, #text, p{  
    color:#77C6F7  
}
```

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 #77C6F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77C6F7
}
```

Border

The CSS property to change the border of an element to Hex 77C6F7 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
#77C6F7 }
```

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

```
.border{ border-color:#77C6F7 }
```

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

Here you see how a box with a 4 pixel #77C6F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77C6F7; -webkit-box-shadow:4px 4px  
4px 4px #77C6F7; box-shadow:4px 4px 4px  
4px #77C6F7 }
```

Background

The CSS property to change the background color of an element to Hex 77C6F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77C6F7 }
```

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

```
.background{ background-color:#77C6F7 }
```

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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