

Converting Colors

Hex(76C2F7)

Have a look what the booklet for
Hex(76C2F7) contains.

Hex(76C2F7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(76C2F7)

Conversions

Conversions Part 1

Format	Color
Hex	76C2F7
RGB	118, 194, 247
RGB Percent	46%, 76%, 97%
CMY	0.5373, 0.2392, 0.0314
CMYK	0.52, 0.21, 0.00, 0.03
HSL	205°, 89%, 72%
HSV	205°, 52%, 97%
XYZ	43.5515, 49.1505, 95.1873
YIQ	177.3180, -62.3090, 0.3710

Conversions

Conversions Part 2

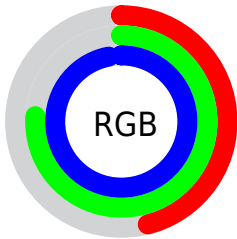
Format	Color
R _Y B	118, 166, 247
Decimal	7783159
CIE Lab	75.54, -9.12, -33.40
CIE LCh	76, 34.622, 254.729
Yxy	49.1505, 0.2318, 0.2616
Android (android.graphics.Color)	4285973239 (0xFF76C2F7)
YUV	177.3180, 34.3532, -52.0219
Hunter-Lab	70.1074, -11.8019, -31.4249

Details

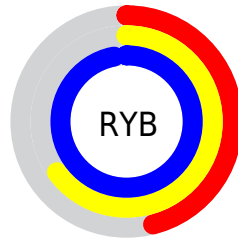
The Hex color **76C2F7** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F7AB76**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **B1FAFF**, and **378DBE** is the 20% darker color. If you saturate the color by 10%, you get **5DB8F7**, and if you desaturate by 10%, it is **8FCCF7**.

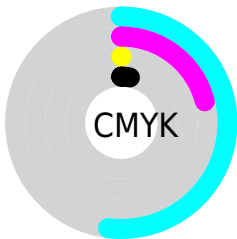
Distribution



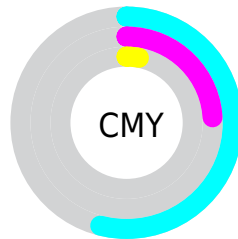
- Red (46%)
- Green (76%)
- Blue (97%)



- Red (46%)
- Yellow (65%)
- Blue (97%)



- Cyan (52%)
- Magenta (21%)
- Yellow (0%)
- Black (3%)



- Cyan (54%)
- Magenta (24%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76C2F7 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 76C2F7 by changing the saturation by 10% instead.

 76C2F7

 76C2F7

FFFFFF

 58A7DA

 B1FAFF

 378DBE

 CEFFFF

 0173A3

 ECFFFF

 005B89

 00436F

 002D56

 00193F

 000329

 000112

■ 76C2F7

■ 76C2F7

■ 5DB8F7

■ 8FCCF7

■ 45AEF7

■ A7D6F7

■ 2CA4F7

■ C0E0F7

■ 1399F7

■ D9EBF7

■ 0092F7

■ F2F5F7

■ FFFFF7

Harmonies

Analogous

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



51C9E6



76C2F7



A7B8F8

Triad

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



76C2F7



FAA2AB



9CC58C

Complementary

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



76C2F7



F7AB76

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.



C0BD7C



76C2F7



F3A88F

Square

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



76C2F7



EFA4CC



DFB37D



76CAA8

Rectangle

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



76C2F7



C5B0EF



DFB37D



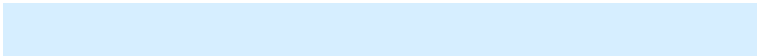
A9C385

Sweetspot

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



76C2F7



D6EEFF



76F7AA



677680



000000



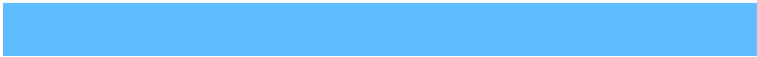
808080

Same Dimension

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



76C2F7



5EBDFE



7683F7



6E757A



006EBA



00233B

Inverse Universe

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



F776C2



FF5EBD



F7EA76



7A6E75



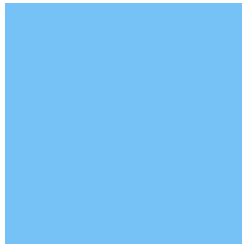
BA006E



3B0023

Previews

White Background



This preview shows how the Hex color 76C2F7 looks on a white background.

Color Contrast Check

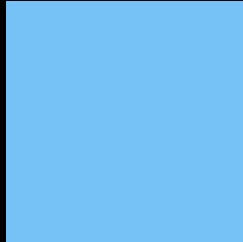
Large Text (above 18pt) WCAG AA × Fail

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 76C2F7 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

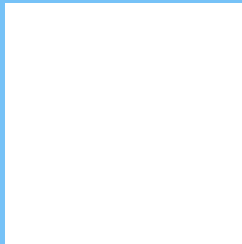
Any Text WCAG AAA ✓ Pass

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

Hex 76C2F7 Background



This preview shows how black text looks on a background with the Hex color 76C2F7.

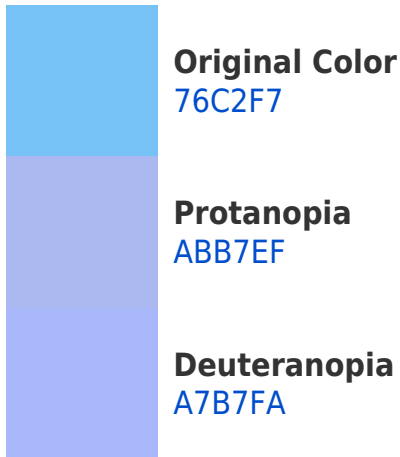


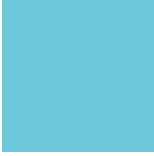
This preview shows how white text looks on a background with the Hex color 76C2F7.

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](#).

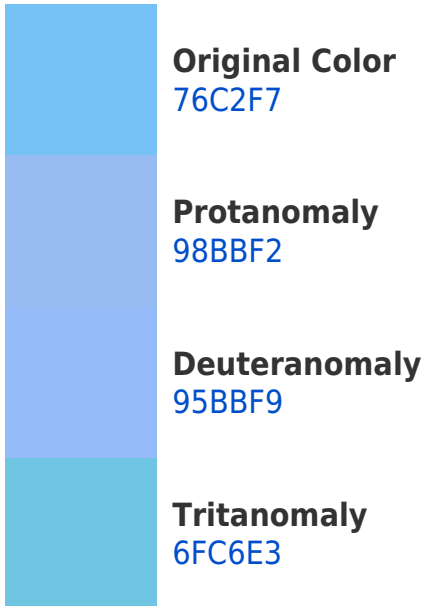
Dichromacy



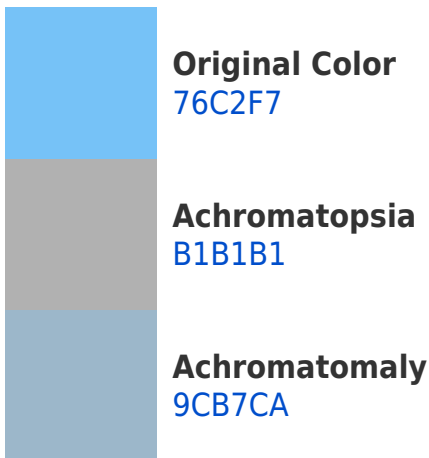


Tritanopia
6BC8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76C2F7 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 #76C2F7 looks like.

```
.text, #text, p{  
    color:#76C2F7  
}
```

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 #76C2F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C2F7
}
```

Border

The CSS property to change the border of an element to Hex 76C2F7 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
#76C2F7 }
```

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

```
.border{ border-color:#76C2F7 }
```

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

Here you see how a box with a 4 pixel #76C2F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C2F7; -webkit-box-shadow:4px 4px  
4px 4px #76C2F7; box-shadow:4px 4px 4px  
4px #76C2F7 }
```

Background

The CSS property to change the background color of an element to Hex 76C2F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C2F7 }
```

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

```
.background{ background-color:#76C2F7 }
```

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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