

# Converting Colors

Hex(76CCFB)

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

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# **Color**

**Hex(76CCFB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76CCFB
RGB	118, 204, 251
RGB Percent	46%, 80%, 98%
CMY	0.5373, 0.2000, 0.0157
CMYK	0.53, 0.19, 0.00, 0.02
HSL	201°, 94%, 72%
HSV	201°, 53%, 98%
XYZ	46.4767, 54.0023, 99.2407
YIQ	183.6440, -66.3430, -3.6150

# Conversions

## Conversions Part 2

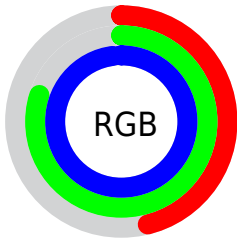
Format	Color
<a href="#">RYB</a>	<a href="#">118, 170, 251</a>
Decimal	<a href="#">7785723</a>
CIELab	<a href="#">78.46, -13.25, -31.05</a>
CIELCh	<a href="#">78, 33.756, 246.882</a>
Yxy	<a href="#">54.0023, 0.2327, 0.2704</a>
Android (android.graphics.Color)	<a href="#">4285975803</a> ( <a href="#">0xFF76CCFB</a> )
YUV	<a href="#">183.6440, 33.2065, -57.5698</a>
Hunter-Lab	<a href="#">73.4863, -15.7080, -28.6287</a>

# Details

The Hex color **76CCFB** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FBA576**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **B1FFFF**, and **3696C2** is the 20% darker color. If you saturate the color by 10%, you get **5DC3FB**, and if you desaturate by 10%, it is **8FD5FB**.

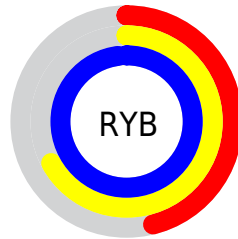
# Distribution



Red (46%)

Green (80%)

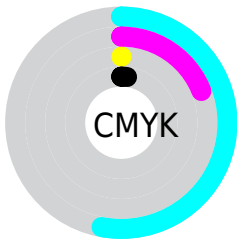
Blue (98%)



Red (46%)

Yellow (67%)

Blue (98%)

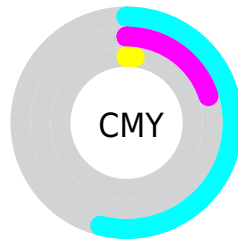


Cyan (53%)

Magenta (19%)

Yellow (0%)

Black (2%)



Cyan (54%)

Magenta (20%)

Yellow (2%)

# Brightness & Saturation Gradients

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



 76CCFB

 76CCFB

FFFFFF

 57B1DE

 B1FFFF

 3696C2

 CFFFFFF

 007CA7

 EDFFFF

 00638C

 004B73

 00355A

 002042

 00032C

 000116

■ 76CCFB

■ 76CCFB

■ 5DC3FB

■ 8FD5FB

■ 44BAFB

■ A8DEFB

■ 2BB1FB

■ C1E7FB

■ 12A9FB

■ DAEFFB

■ 00A2FB

■ F3F8FB

■ FFFFFB

# Harmonies

## Analogous

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



5CD2E7



76CCFB



A4C3FF

# Triad

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



76CCFB



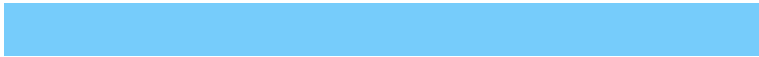
FFABBC



AFCB8F

# Complementary

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



76CCFB



FBA576

# 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.



D1C284



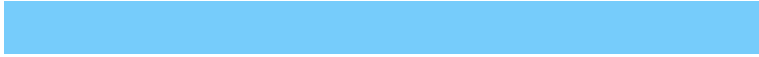
76CCFB



FEAF9E

# Square

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



76CCFB



F0AEDB



EDB889



8AD1A9

# Rectangle

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



76CCFB



C2BBFA



EDB889



BBC989

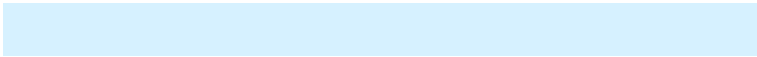


# Sweetspot

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



76CCFB



D6F1FF



76FBA5



677780



000000



808080

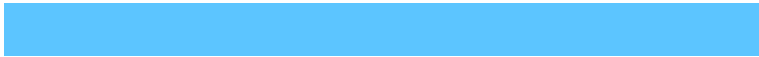


# Same Dimension

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



76CCFB



5CC5FF



768AFB



70797D



007ABD



00283D



# Inverse Universe

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



FB76CC



FF5CC5



FBE776



7D7079



BD007A

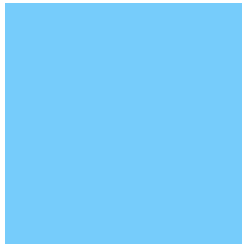


3D0028



# Previews

## White Background



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

## Color Contrast Check

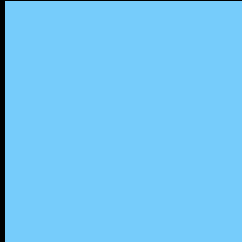
Large Text (above 18pt) WCAG AA × Fail

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 76CCFB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

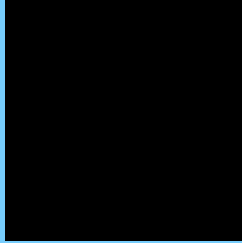
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

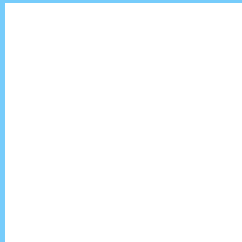
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76CCFB Background



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

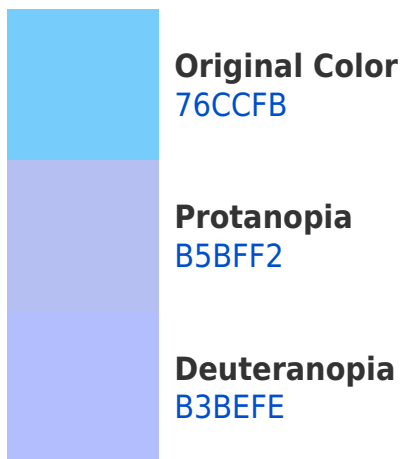


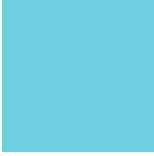
This preview shows how white text looks on a background with the Hex color 76CCFB.

# 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](#).

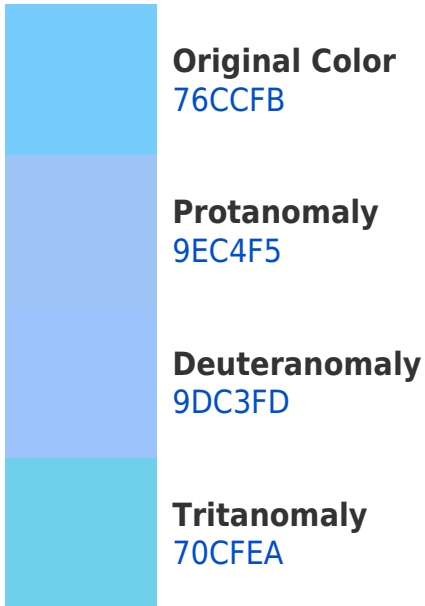
## Dichromacy



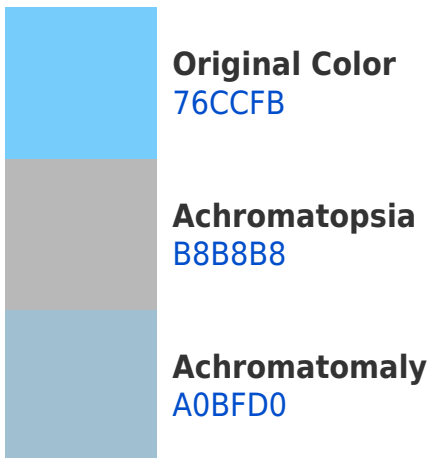


**Tritanopia**  
6DD0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #76CCFB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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