

# Converting Colors

Hex(76C1F4)

Have a look what the booklet for  
Hex(76C1F4) contains.

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# **Color**

**Hex(76C1F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76C1F4
RGB	118, 193, 244
RGB Percent	46%, 76%, 96%
CMY	0.5373, 0.2431, 0.0431
CMYK	0.52, 0.21, 0.00, 0.04
HSL	204°, 85%, 71%
HSV	204°, 52%, 96%
XYZ	42.8703, 48.5231, 92.6943
YIQ	176.3890, -61.0710, -0.0390

# Conversions

## Conversions Part 2

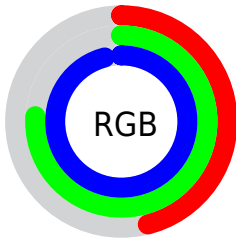
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	118, 165, 244
Decimal	7782900
CIE Lab	75.15, -9.45, -32.39
CIE LCh	75, 33.741, 253.730
Yxy	48.5231, 0.2329, 0.2636
Android (android.graphics.Color)	4285972980 (0xFF76C1F4)
YUV	176.3890, 33.3322, -51.2072
Hunter-Lab	69.6585, -12.0473, -30.1360

# Details

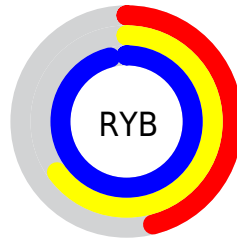
The Hex color **76C1F4** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F4A976**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B1F9FF**, and **388CBC** is the 20% darker color. If you saturate the color by 10%, you get **5EB7F4**, and if you desaturate by 10%, it is **8ECBF4**.

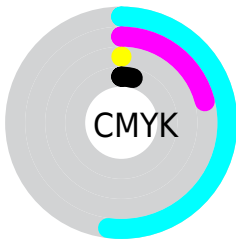
# Distribution



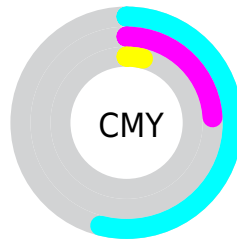
- Red (46%)
- Green (76%)
- Blue (96%)



- Red (46%)
- Yellow (65%)
- Blue (96%)



- Cyan (52%)
- Magenta (21%)
- Yellow (0%)
- Black (4%)



- Cyan (54%)
- Magenta (24%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76C1F4 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 76C1F4 by changing the saturation by 10% instead.



 76C1F4

 76C1F4

FFFFFF

 58A6D7

 B1F9FF

 388CBC

 CEFFFF

 0572A0

 ECFFFF

 005A86

 00426D

 002C54

 00193D

 000326

 000110

■ 76C1F4

■ 76C1F4

■ 5EB7F4

■ 8ECBF4

■ 45ADF4

■ A7D5F4

■ 2DA3F4

■ BFDFF4

■ 1499F4

■ D8E9F4

■ 0091F4

■ F0F2F4

■ FFFCF4

■ FFFFF4

# Harmonies

## Analogous

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



54C8E3



76C1F4



A5B7F5

# Triad

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



76C1F4



F7A2AC



9DC48B

# Complementary

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



76C1F4



F4A976

# 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.



C0BC7C



76C1F4



F1A78F

# Square

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



76C1F4



ECA4CB



DEB17E



79C9A7

# Rectangle

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



76C1F4



C2B0ED



DEB17E



A9C285

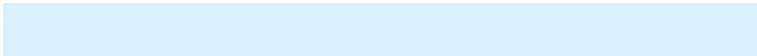


# Sweetspot

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



76C1F4



D9F0FF



76F4A8



697680



000000



808080

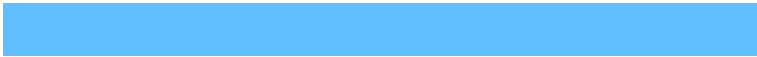


# Same Dimension

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



76C1F4



61BFFF



7683F4



6E757A



006FBA



00233B



# Inverse Universe

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



F476C1



FF61BF



F4E776



7A6E75



BA006F

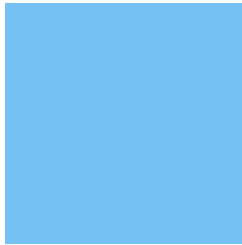


3B0023



# Previews

## White Background



This preview shows how the Hex color 76C1F4 looks on a white background.

## Color Contrast Check

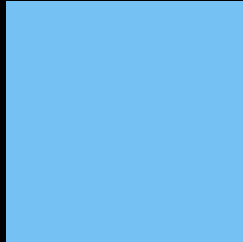
Large Text (above 18pt) WCAG AA × Fail

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 76C1F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

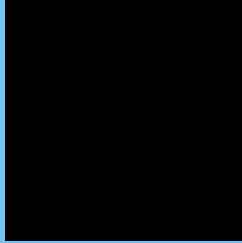
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

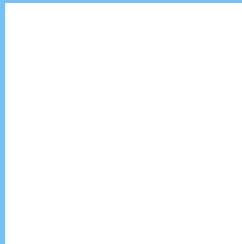
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76C1F4 Background



This preview shows how black text looks on a background with the Hex color 76C1F4.

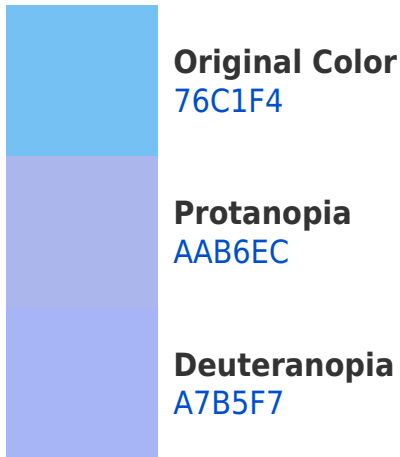


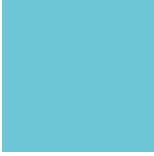
This preview shows how white text looks on a background with the Hex color 76C1F4.

# 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](#).

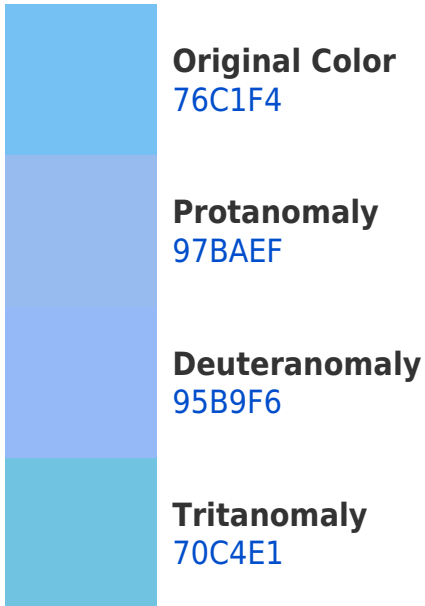
## Dichromacy





**Tritanopia**  
6CC6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76C1F4 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 #76C1F4 looks like.

```
.text, #text, p{  
    color:#76C1F4  
}
```

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 #76C1F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C1F4
}
```

## Border

The CSS property to change the border of an element to Hex 76C1F4 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
#76C1F4 }
```

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

```
.border{ border-color:#76C1F4 }
```

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

Here you see how a box with a 4 pixel #76C1F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C1F4; -webkit-box-shadow:4px 4px  
4px 4px #76C1F4; box-shadow:4px 4px 4px  
4px #76C1F4 }
```

# Background

The CSS property to change the background color of an element to Hex 76C1F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C1F4 }
```

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

```
.background{ background-color:#76C1F4 }
```

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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