

# Converting Colors

Hex(76CFFF)

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

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# **Color**

**Hex(76CFFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76CFFF
RGB	118, 207, 255
RGB Percent	46%, 81%, 100%
CMY	0.5373, 0.1882, 0.0000
CMYK	0.54, 0.19, 0.00, 0.00
HSL	201°, 100%, 73%
HSV	201°, 54%, 100%
XYZ	47.8340, 55.6972, 102.8373
YIQ	185.8610, -68.4520, -3.9400

# Conversions

## Conversions Part 2

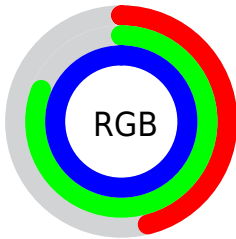
Format	Color
R <sub>Y</sub> B	118, 172, 255
Decimal	7786495
CIE Lab	79.44, -13.67, -31.67
CIE LCh	79, 34.498, 246.653
Yxy	55.6972, 0.2318, 0.2699
Android (android.graphics.Color)	4285976575 (0xFF76CFFF)
YUV	185.8610, 34.0855, -59.5141
Hunter-Lab	74.6306, -16.1949, -29.4573

# Details

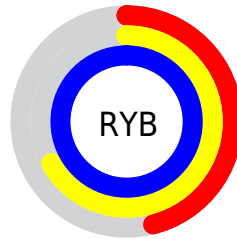
The Hex color **76CFFF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA676**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B2FFFF**, and **3499C6** is the 20% darker color. If you saturate the color by 10%, you get **5DC6FF**, and if you desaturate by 10%, it is **90D8FF**.

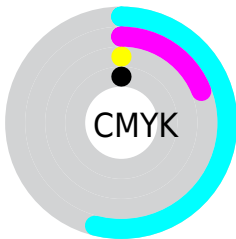
# Distribution



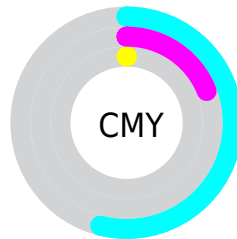
- Red (46%)
- Green (81%)
- Blue (100%)



- Red (46%)
- Yellow (67%)
- Blue (100%)



- Cyan (54%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (19%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 76CFFF

 76CFFF

FFFFFF

 57B3E2

 B2FFFF

 3499C6

 D0FFFF

 007FAB

 EEEFFF

 006690

 004E76

 00375D

 002245

 00042F

 000119

 76CFFF

 76CFFF

 5DC6FF

 90D8FF

 43BDFF

 A9E1FF

 2AB4FF

 C3EAFF

 10ABFF

 DCF3FF

 00A6FF

 F6FCFF

FFFFFF

# Harmonies

## Analogous

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



5BD5EA



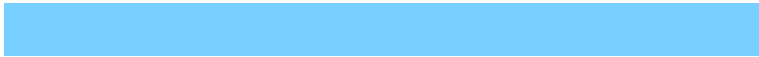
76CFFF



A5C5FF

# Triad

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



76CFFF



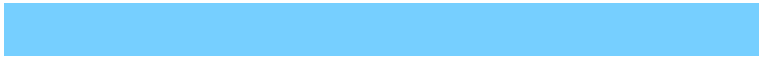
FFADB9



B1CE90

# Complementary

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



76CFFF



FFA676

# 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.



D4C585



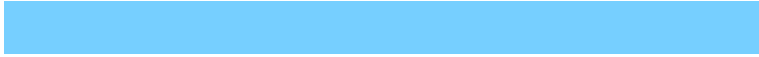
76CFFF



FFB1A0

# Square

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



76CFFF



F4B0DF



F1BA8B



8BD4AA

# Rectangle

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



76CFFF



C4BEFE



F1BA8B

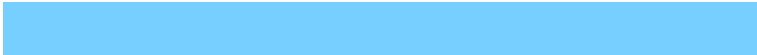


BDCC8B

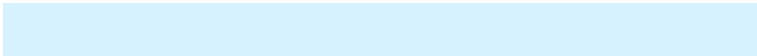


# Sweetspot

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



76CFFF



D6F1FF



76FFA6



677780



000000

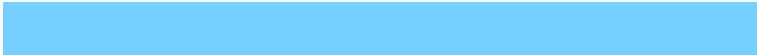


808080



# Same Dimension

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



76CFFF



5CC6FF



768BFF



737B80



007CBF



002940



# Inverse Universe

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



FF76CF



FF5CC6



FFEA76



80737B



BF007C

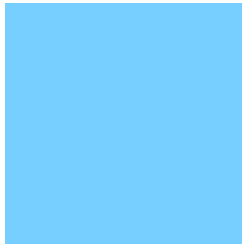


400029



# Previews

## White Background



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

## Color Contrast Check

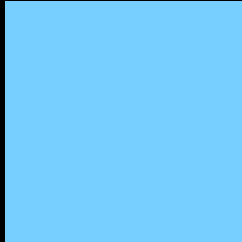
Large Text (above 18pt) WCAG AA × Fail

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 76CFFF 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

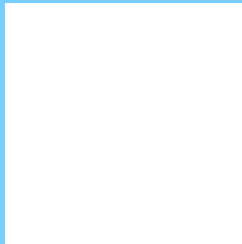
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76CFFF Background



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

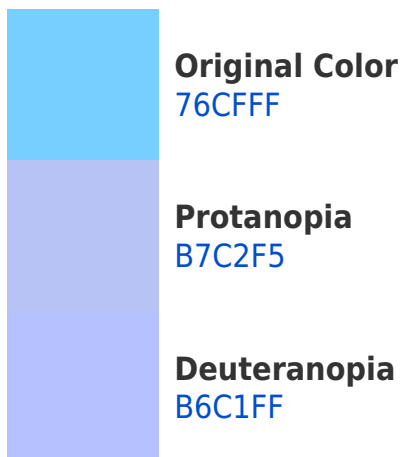


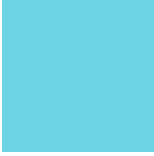
This preview shows how white text looks on a background with the Hex color 76CFFF.

# 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](#).

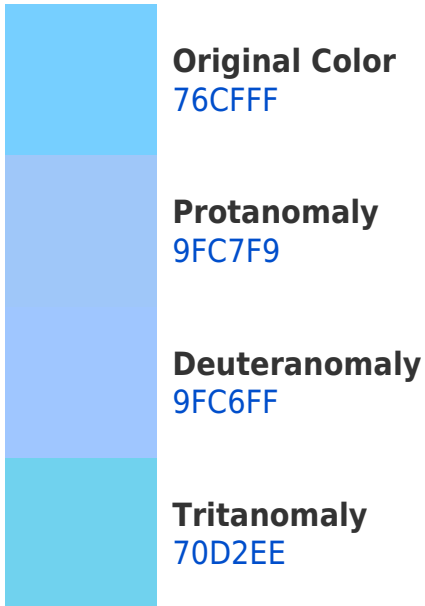
## Dichromacy



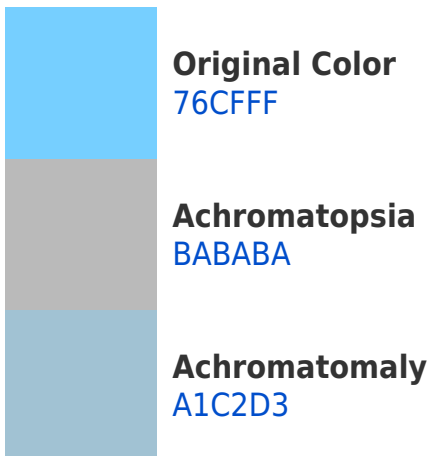


**Tritanopia**  
6CD4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #76CFFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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