

# Converting Colors

Hex(76D6FF)

Have a look what the booklet for  
Hex(76D6FF) contains.

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# **Color**

**Hex(76D6FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76D6FF
RGB	118, 214, 255
RGB Percent	46%, 84%, 100%
CMY	0.5373, 0.1608, 0.0000
CMYK	0.54, 0.16, 0.00, 0.00
HSL	198°, 100%, 73%
HSV	198°, 54%, 100%
XYZ	49.5678, 59.1647, 103.4152
YIQ	189.9700, -70.3770, -7.6010

# Conversions

## Conversions Part 2

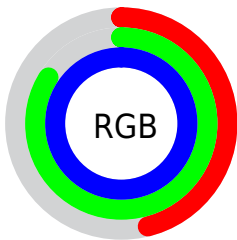
Format	Color
<a href="#">RYB</a>	<a href="#">118, 174, 255</a>
Decimal	<a href="#">7788287</a>
CIELab	<a href="#">81.38, -17.29, -28.69</a>
CIElCh	<a href="#">81, 33.501, 238.930</a>
Yxy	<a href="#">59.1647, 0.2336, 0.2789</a>
Android (android.graphics.Color)	<a href="#">4285978367 (0xFF76D6FF)</a>
YUV	<a href="#">189.9700, 32.0598, -63.1177</a>
Hunter-Lab	<a href="#">76.9186, -19.5788, -25.8710</a>

# Details

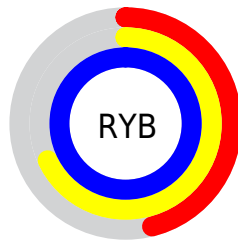
The Hex color **76D6FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FF9F76**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B2FFFF**, and **349FC6** is the 20% darker color. If you saturate the color by 10%, you get **5DCEFF**, and if you desaturate by 10%, it is **90DEFF**.

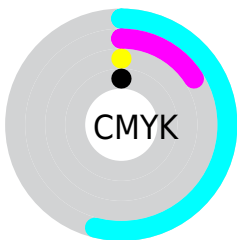
# Distribution



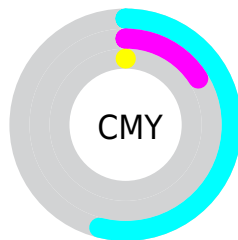
- Red (46%)
- Green (84%)
- Blue (100%)



- Red (46%)
- Yellow (68%)
- Blue (100%)



- Cyan (54%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (16%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76D6FF 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 76D6FF by changing the saturation by 10% instead.



 76D6FF

 76D6FF

FFFFFF

 57BAE2

 B2FFFF

 349FC6

 D0FFFF

 0085AB

 EEEFFF

 006C90

 005376

 003C5E

 002646

 000D2F

 00011A

■ 76D6FF

■ 76D6FF

■ 5DCEFF

■ 90DEFF

■ 43C7FF

■ A9E5FF

■ 2ABFFF

■ C3EDFF

■ 10B7FF

■ DCF5FF

■ 00B3FF

■ F6FCFF

FFFFFF

# Harmonies

## Analogous

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



66DBE7



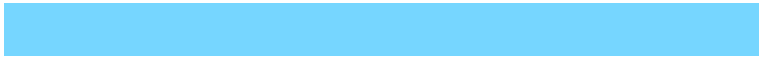
76D6FF



A0CDFF

# Triad

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



76D6FF



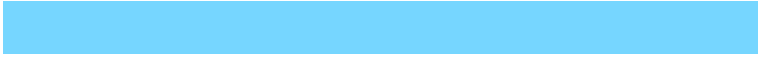
FFB3CD



C0D193

# Complementary

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



76D6FF



FF9F76

# 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.



E1C88B



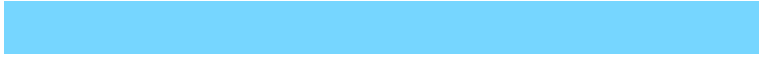
76D6FF



FFB5AD

# Square

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



76D6FF



F1B8EB



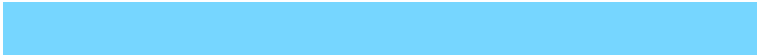
FBBD95



9CD8A9

# Rectangle

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



76D6FF



BFC6FF



FBBD95



CCCE8E

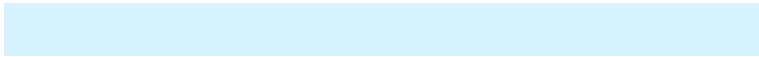


# Sweetspot

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



76D6FF



D6F3FF



76FF9D



677880



000000



808080



# Same Dimension

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



76D6FF



5CCEFF



7694FF



737C80



0086BF



002D40



# Inverse Universe

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



FF76D6



FF5CCE



FFE176



80737C



BF0086

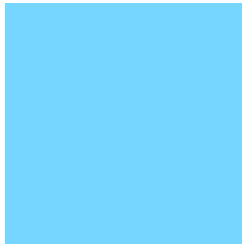


40002D



# Previews

## White Background



This preview shows how the Hex color 76D6FF looks on a white background.

## Color Contrast Check

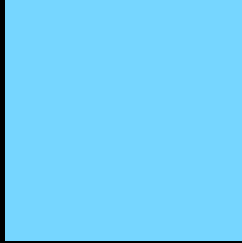
Large Text (above 18pt) WCAG AA × Fail

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 76D6FF 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 76D6FF Background



This preview shows how black text looks on a background with the Hex color 76D6FF.

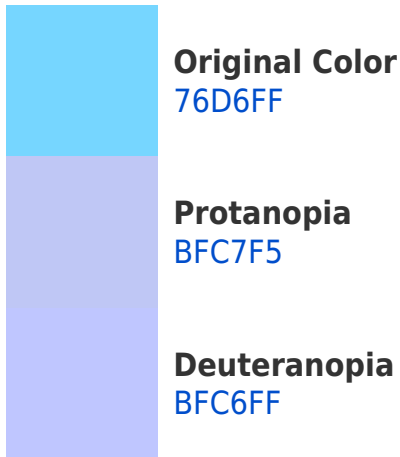


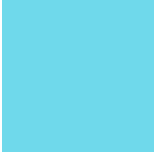
This preview shows how white text looks on a background with the Hex color 76D6FF.

# 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](#).

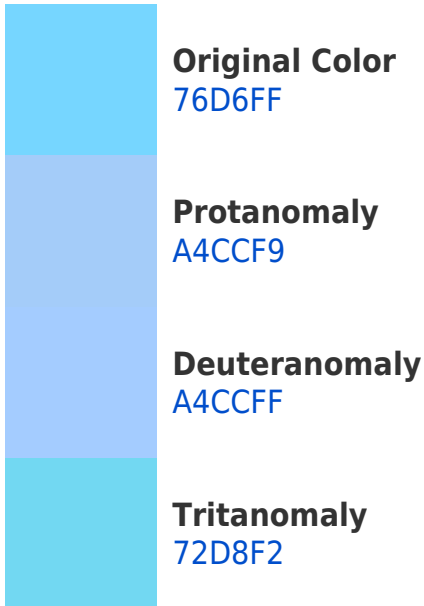
## Dichromacy



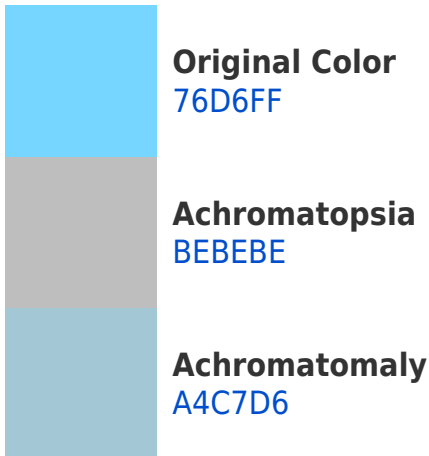


**Tritanopia**  
6FD9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76D6FF 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 #76D6FF looks like.

```
.text, #text, p{  
    color:#76D6FF  
}
```

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 #76D6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76D6FF
}
```

## Border

The CSS property to change the border of an element to Hex 76D6FF 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
#76D6FF }
```

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

```
.border{ border-color:#76D6FF }
```

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

Here you see how a box with a 4 pixel #76D6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76D6FF; -webkit-box-shadow:4px 4px  
4px 4px #76D6FF; box-shadow:4px 4px 4px  
4px #76D6FF }
```

# Background

The CSS property to change the background color of an element to Hex 76D6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76D6FF }
```

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

```
.background{ background-color:#76D6FF }
```

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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