

# Converting Colors

Hex(76BAFD)

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

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# **Color**

**Hex(76BAFD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76BAFD
RGB	118, 186, 253
RGB Percent	46%, 73%, 99%
CMY	0.5373, 0.2706, 0.0078
CMYK	0.53, 0.26, 0.00, 0.01
HSL	210°, 97%, 73%
HSV	210°, 53%, 99%
XYZ	42.7597, 46.0612, 99.5655
YIQ	173.3060, -62.0350, 6.4210

# Conversions

## Conversions Part 2

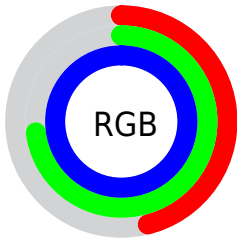
Format	Color
R <sub>Y</sub> B	118, 163, 253
Decimal	7781117
CIE Lab	73.59, -3.02, -39.67
CIE LCh	74, 39.782, 265.642
Yxy	46.0612, 0.2270, 0.2445
Android (android.graphics.Color)	4285971197 (0xFF76BAFD)
YUV	173.3060, 39.2891, -48.5034
Hunter-Lab	67.8684, -6.3078, -39.4728

# Details

The Hex color **76BAFD** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FDB976**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **B1F2FF**, and **3685C4** is the 20% darker color. If you saturate the color by 10%, you get **5DADFD**, and if you desaturate by 10%, it is **8FC7FD**.

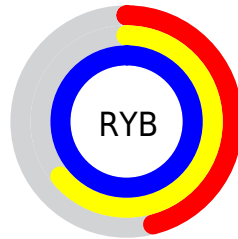
# Distribution



Red (46%)

Green (73%)

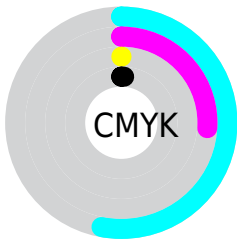
Blue (99%)



Red (46%)

Yellow (64%)

Blue (99%)

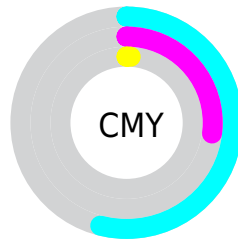


Cyan (53%)

Magenta (26%)

Yellow (0%)

Black (1%)



Cyan (54%)

Magenta (27%)

Yellow (1%)

# Brightness & Saturation Gradients

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



 76BAFD

 76BAFD

FFFFFF

 589FE0

 B1F2FF

 3685C4

 CFFFFFF

 006CA9

 EDFFFF


 00548E

 003D74

 00285B

 001343

 00032C

 000117

■ 76BAFD

■ 76BAFD

■ 5DADFD

■ 8FC7FD

■ 43A1FD

■ A9D3FD

■ 2A94FD

■ C2E0FD

■ 1188FD

■ DBECFD

■ 007FFD

■ F5F9FD

FFFFFD

# Harmonies

## Analogous

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



32C3F0



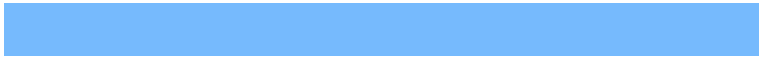
76BAFD



B1ADF6

# Triad

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



76BAFD



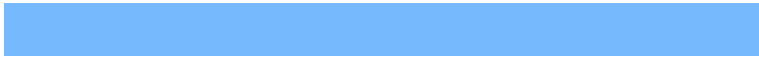
FB9A97



82C48A

# Complementary

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



76BAFD



FDB976

# 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.



ADBC72



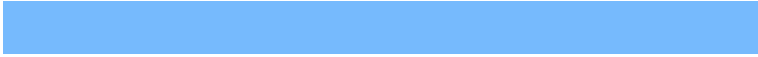
76BAFD



EDA47A

# Square

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



76BAFD



F799BC



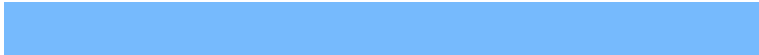
D2B16C



50C8AE

# Rectangle

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



76BAFD



D1A4E8



D2B16C



91C280

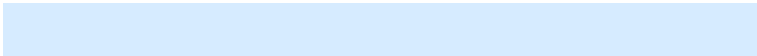


# Sweetspot

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



76BAFD



D6EBFF



76FDB7



677380



000000

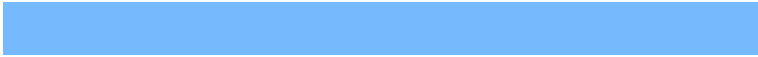


808080

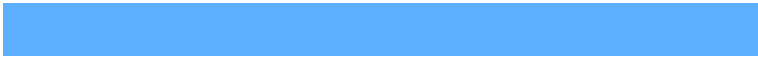


# Same Dimension

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



76BAFD



5CAEFF



7678FD



737980



0060BF



002040



# Inverse Universe

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



FD76BA



FF5CAE



FDFB76



807379



BF0060

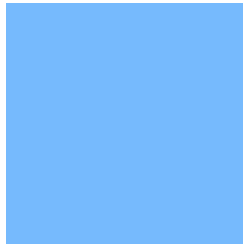


400020



# Previews

## White Background



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

## Color Contrast Check

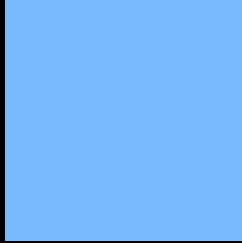
Large Text (above 18pt) WCAG AA × Fail

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 76BAFD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

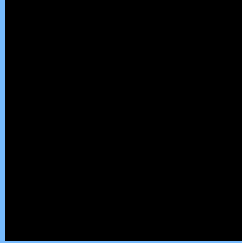
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

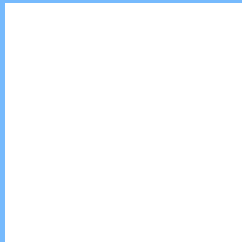
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76BAFD Background



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

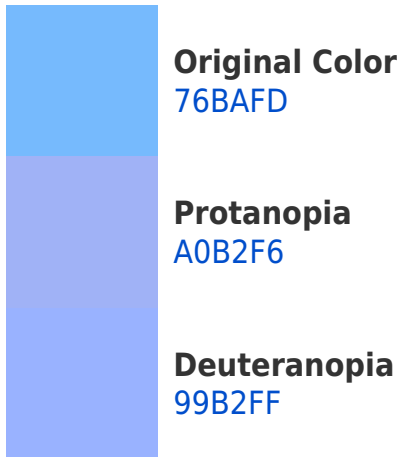


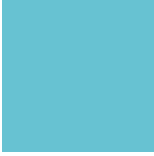
This preview shows how white text looks on a background with the Hex color 76BAFD.

# 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](#).

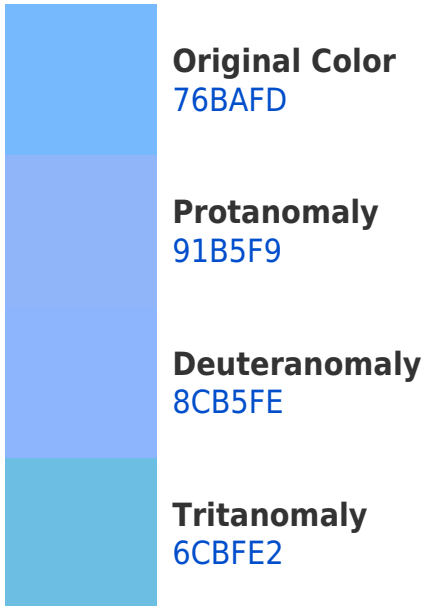
## Dichromacy



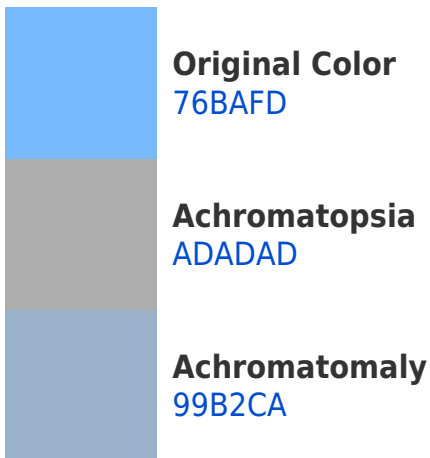


**Tritanopia**  
67C2D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #76BAFD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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