

Converting Colors

Hex(76B0F9)

Have a look what the booklet for
Hex(76B0F9) contains.

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Color

Hex(76B0F9)

Conversions

Conversions Part 1

Format	Color
Hex	76B0F9
RGB	118, 176, 249
RGB Percent	46%, 69%, 98%
CMY	0.5373, 0.3098, 0.0235
CMYK	0.53, 0.29, 0.00, 0.02
HSL	213°, 92%, 72%
HSV	213°, 53%, 98%
XYZ	40.0954, 41.7418, 95.5662
YIQ	166.9800, -58.0010, 10.4070

Conversions

Conversions Part 2

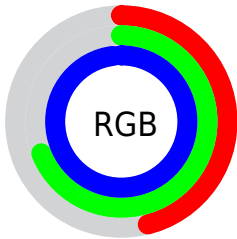
Format	Color
R_{YB}	118, 158, 249
Decimal	7778553
CIE Lab	70.69, 1.32, -42.02
CIE LCh	71, 42.040, 271.796
Yxy	41.7418, 0.2260, 0.2353
Android (android.graphics.Color)	4285968633 (0xFF76B0F9)
YUV	166.9800, 40.4359, -42.9555
Hunter-Lab	64.6079, -2.2873, -42.4747

Details

The Hex color **76B0F9** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **F9BF76**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B1E7FF**, and **377CC0** is the 20% darker color. If you saturate the color by 10%, you get **5DA2F9**, and if you desaturate by 10%, it is **8FB EF9**.

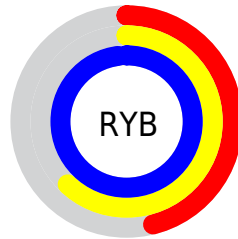
Distribution



Red (46%)

Green (69%)

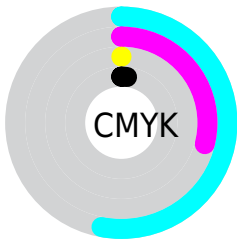
Blue (98%)



Red (46%)

Yellow (62%)

Blue (98%)

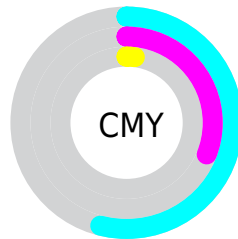


Cyan (53%)

Magenta (29%)

Yellow (0%)

Black (2%)



Cyan (54%)

Magenta (31%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76B0F9 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 76B0F9 by changing the saturation by 10% instead.

 76B0F9

 76B0F9

FFFFFF

 5895DC

 B1E7FF

 377CC0

 CEFFFF

 0263A5

 ECFFFF


 004C8A

 003570

 002157

 000840

 000329

 000113

■ 76B0F9

■ 76B0F9

■ 5DA2F9

■ 8FB EF9

■ 4494F9

■ A8CCF9

■ 2B86F9

■ C1DAF9

■ 1278F9

■ DAE8F9

■ 006EF9

■ F3F5F9

■ FFFFF9

Harmonies

Analogous

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



18BAEF



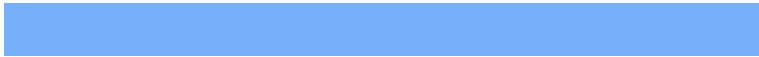
76B0F9



B4A2EE

Triad

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



76B0F9



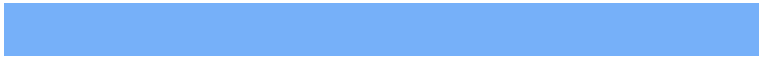
F59287



6CBE87

Complementary

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



76B0F9



F9BF76

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.



9BB76A



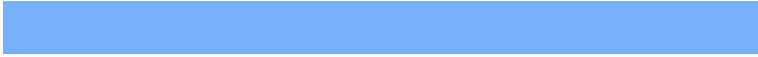
76B0F9



E29E6A

Square

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



76B0F9



F48EAC



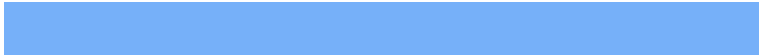
C3AB5F



2BC1AE

Rectangle

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



76B0F9



D399DD



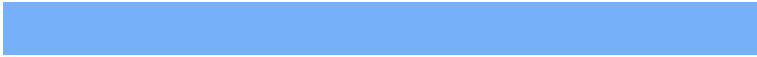
C3AB5F



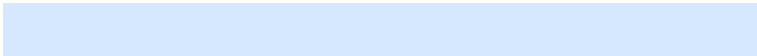
7DBC7C

Sweetspot

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



76B0F9



D6E8FF



76F9BE



677280



000000



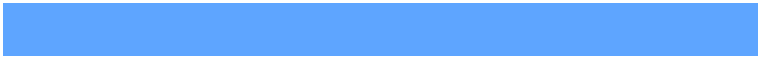
808080

Same Dimension

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



76B0F9



5EA5FF



7D76F9



70767D



0054BD



001B3D

Inverse Universe

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



F976B0



FF5EA5



F2F976



7D7076



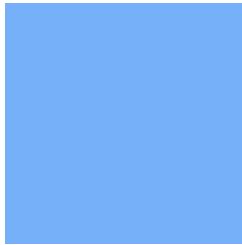
BD0054



3D001B

Previews

White Background



This preview shows how the Hex color 76B0F9 looks on a white background.

Color Contrast Check

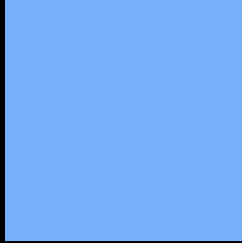
Large Text (above 18pt) WCAG AA × Fail

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 76B0F9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

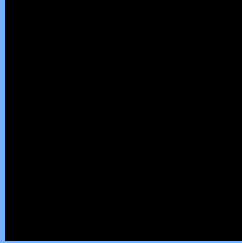
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

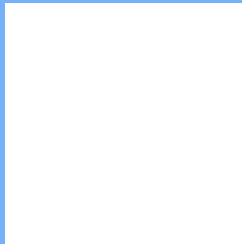
Any Text WCAG AAA ✓ Pass

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

Hex 76B0F9 Background



This preview shows how black text looks on a background with the Hex color 76B0F9.

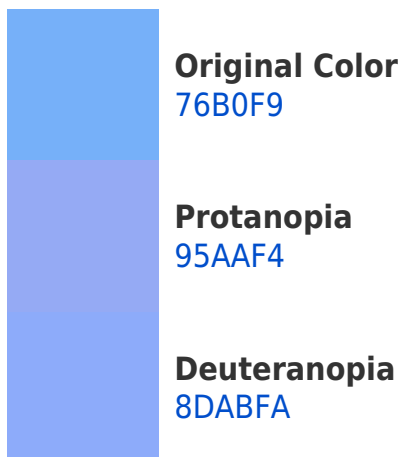


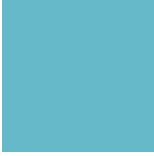
This preview shows how white text looks on a background with the Hex color 76B0F9.

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](#).

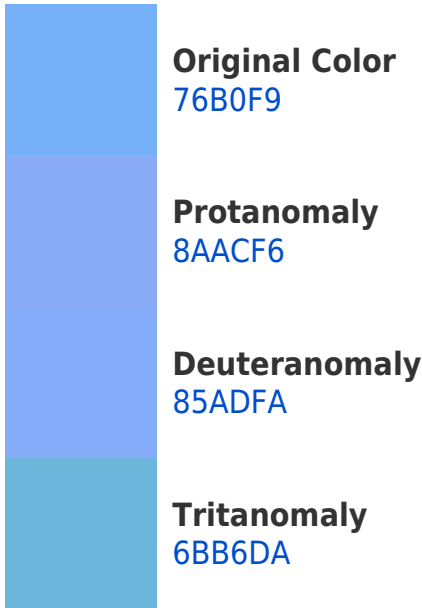
Dichromacy



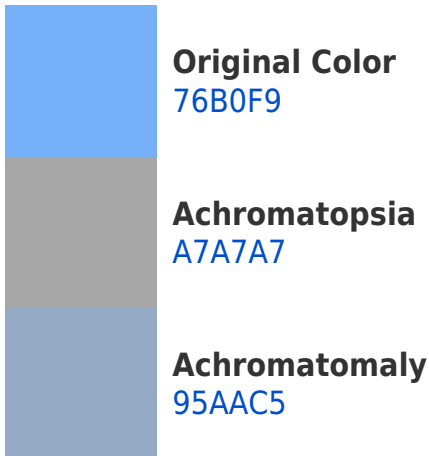


Tritanopia
65B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76B0F9 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 #76B0F9 looks like.

```
.text, #text, p{  
    color:#76B0F9  
}
```

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 #76B0F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B0F9
}
```

Border

The CSS property to change the border of an element to Hex 76B0F9 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
#76B0F9 }
```

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

```
.border{ border-color:#76B0F9 }
```

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

Here you see how a box with a 4 pixel #76B0F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B0F9; -webkit-box-shadow:4px 4px  
4px 4px #76B0F9; box-shadow:4px 4px 4px  
4px #76B0F9 }
```

Background

The CSS property to change the background color of an element to Hex 76B0F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B0F9 }
```

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

```
.background{ background-color:#76B0F9 }
```

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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