

# Converting Colors

Hex(76B2FE)

Have a look what the booklet for  
Hex(76B2FE) contains.

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# **Color**

**Hex(76B2FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76B2FE
RGB	118, 178, 254
RGB Percent	46%, 70%, 100%
CMY	0.5373, 0.3020, 0.0039
CMYK	0.54, 0.30, 0.00, 0.00
HSL	214°, 99%, 73%
HSV	214°, 54%, 100%
XYZ	41.2810, 42.8481, 99.8607
YIQ	168.7240, -60.1560, 10.9160

# Conversions

## Conversions Part 2

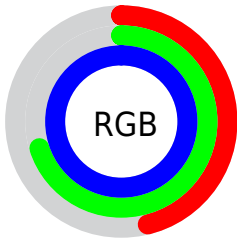
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">118, 160, 254</a>
Decimal	<a href="#">7779070</a>
CIELab	<a href="#">71.45, 1.71, -43.54</a>
CIELCh	<a href="#">71, 43.570, 272.243</a>
Yxy	<a href="#">42.8481, 0.2244, 0.2329</a>
Android (android.graphics.Color)	<a href="#">4285969150 (0xFF76B2FE)</a>
YUV	<a href="#">168.7240, 42.0411, -44.4849</a>
Hunter-Lab	<a href="#">65.4585, -1.9823, -44.6294</a>

# Details

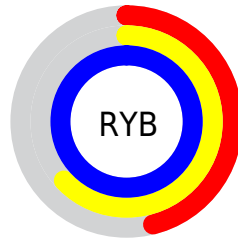
The Hex color **76B2FE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **FEC276**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **B1E9FF**, and **367EC5** is the 20% darker color. If you saturate the color by 10%, you get **5DA4FE**, and if you desaturate by 10%, it is **8FC0FE**.

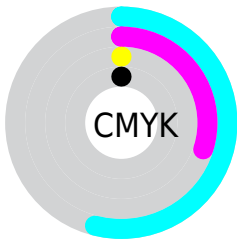
# Distribution



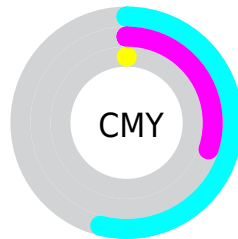
- Red (46%)
- Green (70%)
- Blue (100%)



- Red (46%)
- Yellow (63%)
- Blue (100%)



- Cyan (54%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (30%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76B2FE 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 76B2FE by changing the saturation by 10% instead.



 76B2FE

 76B2FE

FFFFFF

 5897E1

 B1E9FF

 367EC5

 CFFFFFF

 0065A9

 EDFFFF

 004D8F


 003775

 00225C

 000B44

 00032D

 000117

 76B2FE

 76B2FE

 5DA4FE

 8FC0FE

 4396FE

 A9CEFE

 2A87FE

 C2DDFE

 1079FE

 DCEBFE

 0070FE

 F5F9FE

FFFFFFE

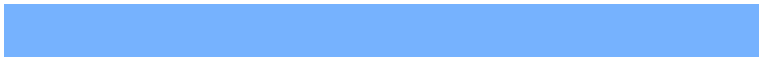
# Harmonies

## Analogous

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



00BDF4



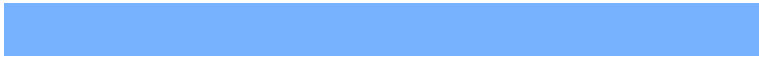
76B2FE



B7A4F2

# Triad

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



76B2FE



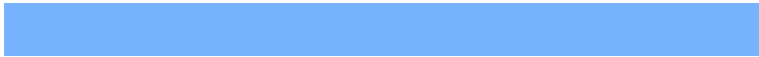
F99387



6AC189

# Complementary

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



76B2FE



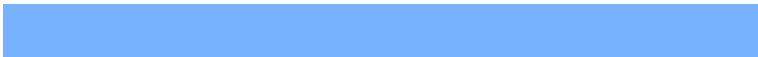
FEC276

# 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.



9CB96A



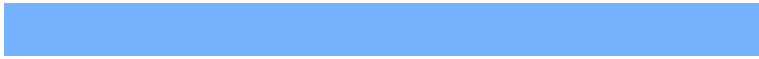
76B2FE



E6A069

# Square

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



76B2FE



F98FAE



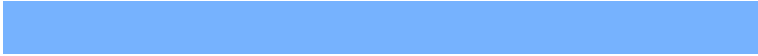
C5AE5E



1FC4B1

# Rectangle

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



76B2FE



D79AE0



C5AE5E

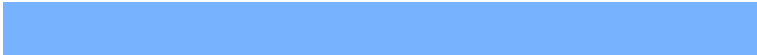


7CBF7D

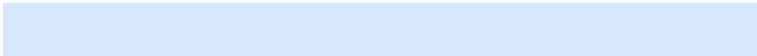


# Sweetspot

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



76B2FE



D6E8FF



76FEC1



677280



000000

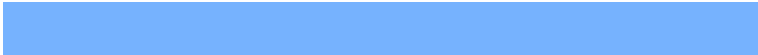


808080

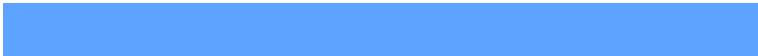


# Same Dimension

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



76B2FE



5CA4FF



7D76FE



737880



0054BF



001C40



# Inverse Universe

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



FE76B2



FF5CA4



F7FE76



807378



BF0054



40001C



# Previews

## White Background



This preview shows how the Hex color 76B2FE looks on a white background.

## Color Contrast Check

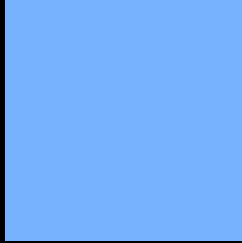
Large Text (above 18pt) WCAG AA × Fail

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 76B2FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

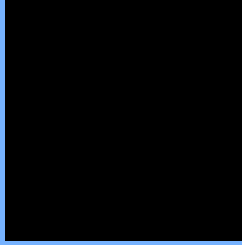
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

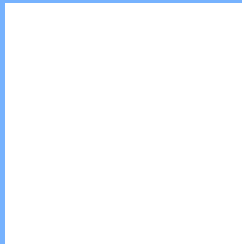
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76B2FE Background



This preview shows how black text looks on a background with the Hex color 76B2FE.

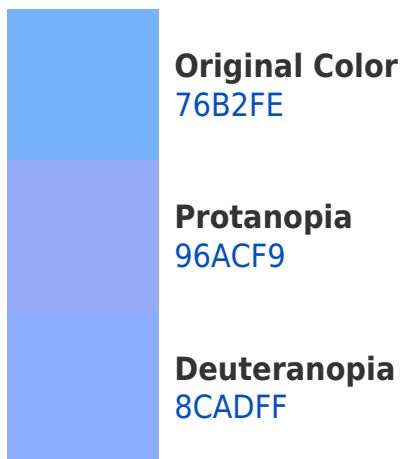


This preview shows how white text looks on a background with the Hex color 76B2FE.

# Color Blindness Simulation

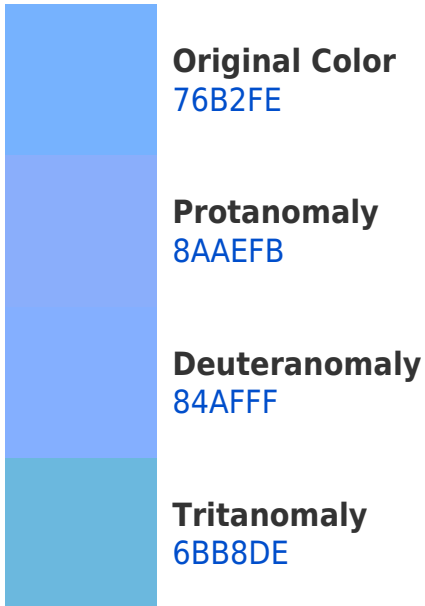
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

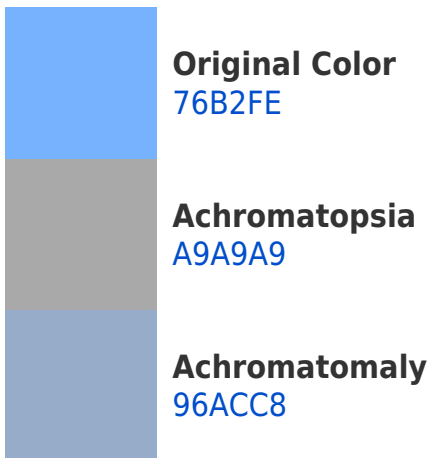




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76B2FE 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 #76B2FE looks like.

```
.text, #text, p{  
    color:#76B2FE  
}
```

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 #76B2FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B2FE
}
```

## Border

The CSS property to change the border of an element to Hex 76B2FE 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
#76B2FE }
```

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

```
.border{ border-color:#76B2FE }
```

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

Here you see how a box with a 4 pixel #76B2FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B2FE; -webkit-box-shadow:4px 4px  
4px 4px #76B2FE; box-shadow:4px 4px 4px  
4px #76B2FE }
```

# Background

The CSS property to change the background color of an element to Hex 76B2FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B2FE }
```

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

```
.background{ background-color:#76B2FE }
```

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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