

# Converting Colors

Hex(71B8F6)

Have a look what the booklet for  
Hex(71B8F6) contains.

|  |    |
|--|----|
| <b>Hex(71B8F6)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(71B8F6)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 71B8F6                     |
| RGB           | 113, 184, 246              |
| RGB Percent   | 44%, 72%, 96%              |
| CMY           | 0.5569, 0.2784, 0.0353     |
| CMYK          | 0.54, 0.25, 0.00, 0.04     |
| HSL           | 208°, 88%, 70%             |
| HSV           | 208°, 54%, 96%             |
| XYZ           | 40.5851, 44.4455, 93.6286  |
| YIQ           | 169.8390, -62.2180, 4.2300 |

# Conversions

## Conversions Part 2

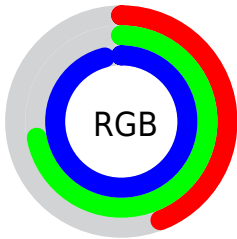
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 113, 159, 246                  |
| Decimal                             | 7452918                        |
| CIE Lab                             | 72.53, -5.06, -37.56           |
| CIE LCh                             | 73, 37.896, 262.324            |
| Yxy                                 | 44.4455, 0.2272,<br>0.2488     |
| Android<br>(android.graphics.Color) | 4285642998<br>(0xFF71B8F6)     |
| YUV                                 | 169.8390, 37.5474,<br>-49.8478 |
| Hunter-Lab                          | 66.6675, -8.0028,<br>-36.6003  |

# Details

The Hex color **71B8F6** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F6AF71**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **ACF0FF**, and **3083BD** is the 20% darker color. If you saturate the color by 10%, you get **58ADF6**, and if you desaturate by 10%, it is **8AC3F6**.

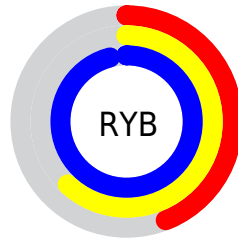
# Distribution



Red (44%)

Green (72%)

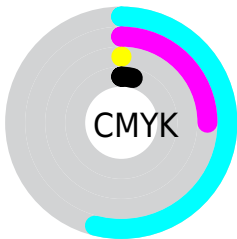
Blue (96%)



Red (44%)

Yellow (62%)

Blue (96%)

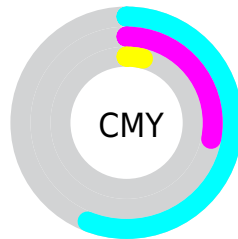


Cyan (54%)

Magenta (25%)

Yellow (0%)

Black (4%)



Cyan (56%)

Magenta (28%)


Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71B8F6 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 71B8F6 by changing the saturation by 10% instead.



 71B8F6

 71B8F6

FFFFFF

 529DD9

 ACF0FF

 3083BD

 CAFFFF

 006AA2

 E8FFFF

 005288


 003B6E


 002655

 00113E

 000327

 000111

 71B8F6

 71B8F6

 58ADF6

 8AC3F6

 40A1F6

 A2CFF6

 2796F6

 BBDAF6

 0F8AF6

 D3E6F6

 0083F6

 ECF1F6

 FFFDF6

 FFFFF6

# Harmonies

## Analogous

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



37C0E8



71B8F6



A9ACF2

# Triad

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



71B8F6



F69899



87C086

# Complementary

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



71B8F6



F6AF71

# 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.



AFB871



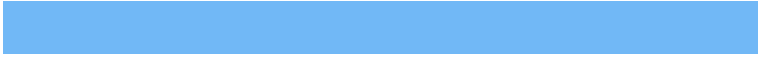
71B8F6



EAA17C

# Square

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



71B8F6



EF98BC



D1AD6D



5AC4A7

# Rectangle

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



71B8F6



C8A4E5



D1AD6D

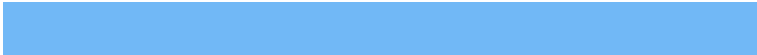


94BE7D

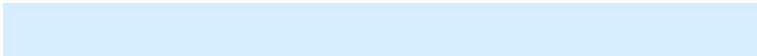


# Sweetspot

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



71B8F6



D6ECFF



71F6AD



677480



000000

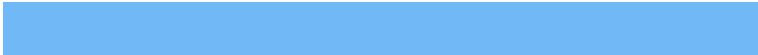


808080



# Same Dimension

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



71B8F6



59B2FF



7178F6



6E757A



0063BA



001F3B



# Inverse Universe

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



F671B8



FF59B2



F6EF71



7A6E75



BA0063

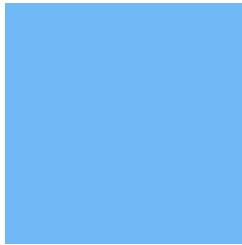


3B001F



# Previews

## White Background



This preview shows how the Hex color 71B8F6 looks on a white background.

## Color Contrast Check

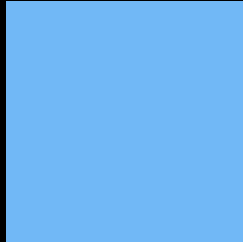
Large Text (above 18pt) WCAG AA × Fail

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 71B8F6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

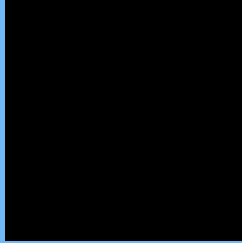
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

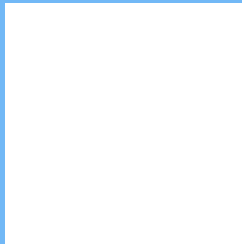
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71B8F6 Background



This preview shows how black text looks on a background with the Hex color 71B8F6.

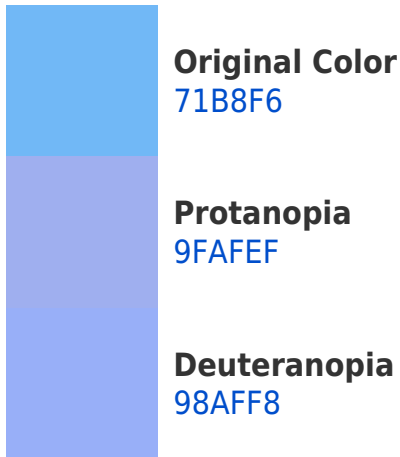


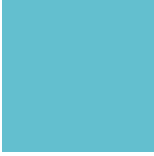
This preview shows how white text looks on a background with the Hex color 71B8F6.

# 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



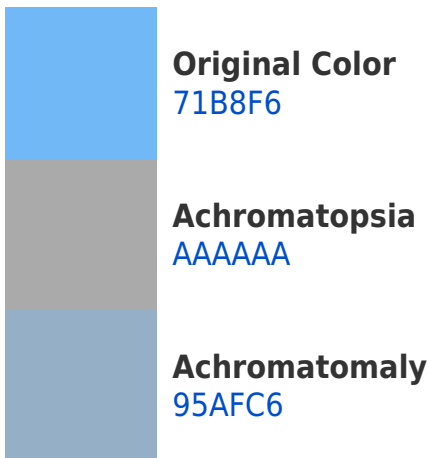


**Tritanopia**  
63BFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71B8F6 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 #71B8F6 looks like.

```
.text, #text, p{  
    color:#71B8F6  
}
```

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 #71B8F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B8F6  
}
```

## Border

The CSS property to change the border of an element to Hex 71B8F6 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  
#71B8F6 }
```

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

```
.border{ border-color:#71B8F6 }
```

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

Here you see how a box with a 4 pixel #71B8F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B8F6; -webkit-box-shadow:4px 4px  
4px 4px #71B8F6; box-shadow:4px 4px 4px  
4px #71B8F6 }
```

# Background

The CSS property to change the background color of an element to Hex 71B8F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B8F6 }
```

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

```
.background{ background-color:#71B8F6 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor