

# Converting Colors

Hex(69B7F6)

Have a look what the booklet for  
Hex(69B7F6) contains.

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# **Color**

**Hex(69B7F6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69B7F6
RGB	105, 183, 246
RGB Percent	41%, 72%, 96%
CMY	0.5882, 0.2824, 0.0353
CMYK	0.57, 0.26, 0.00, 0.04
HSL	207°, 89%, 69%
HSV	207°, 57%, 96%
XYZ	39.3937, 43.5241, 93.5135
YIQ	166.8600, -66.7110, 3.0570

# Conversions

## Conversions Part 2

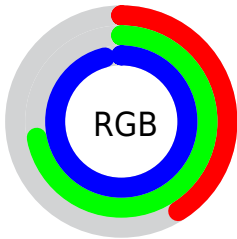
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	105, 155, 246
Decimal	6928374
CIE <sub>Lab</sub>	71.91, -6.13, -38.54
CIE <sub>LCh</sub>	72, 39.025, 260.967
Y <sub>xy</sub>	43.5241, 0.2233, 0.2467
Android (android.graphics.Color)	4285118454 (0xFF69B7F6)
YUV	166.8600, 39.0160, -54.2512
Hunter-Lab	65.9728, -8.8662, -37.8600

# Details

The Hex color **69B7F6** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F6A869**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A5EFFF**, and **2282BD** is the 20% darker color. If you saturate the color by 10%, you get **50ACF6**, and if you desaturate by 10%, it is **82C2F6**.

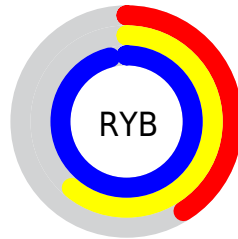
# Distribution



Red (41%)

Green (72%)

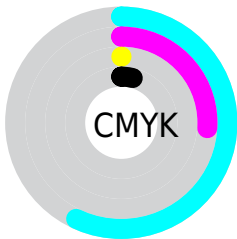
Blue (96%)



Red (41%)

Yellow (61%)

Blue (96%)

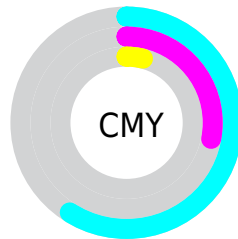


Cyan (57%)

Magenta (26%)

Yellow (0%)

Black (4%)



Cyan (59%)

Magenta (28%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69B7F6 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 69B7F6 by changing the saturation by 10% instead.



 69B7F6

 69B7F6

FFFFFF

 499CD9

 A5EFFF

 2282BD

 C3FFFF

 0069A2

 E1FFFF

 005188

 003B6E

 002555

 00103E

 000327

 000111

■ 69B7F6

■ 69B7F6

■ 50ACF6

■ 82C2F6

■ 38A1F6

■ 9ACDF6

■ 1F96F6

■ B3D8F6

■ 078BF6

■ CBE3F6

■ 0088F6

■ E4EEF6

■ FDF9F6

■ FFFFF6

# Harmonies

## Analogous

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



25BFE7



69B7F6



A5ABF3

# Triad

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



69B7F6



F69699



85BE82

# Complementary

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



69B7F6



F6A869

# 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.



AEB66C



69B7F6



EB9E7A

# Square

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



69B7F6



EE95BD



D1AA6A



56C3A4

# Rectangle

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



69B7F6



C5A2E6



D1AA6A



94BC79

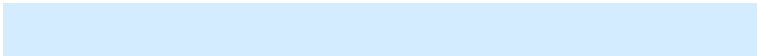


# Sweetspot

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



69B7F6



D4ECFF



69F6A6



667480



000000



808080



# Same Dimension

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



69B7F6



4FB0FF



6972F6



6E757A



0067BA



00203B



# Inverse Universe

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



F669B7



FF4FB0



F6ED69



7A6E75



BA0067



3B0020



# Previews

## White Background



This preview shows how the Hex color 69B7F6 looks on a white background.

## Color Contrast Check

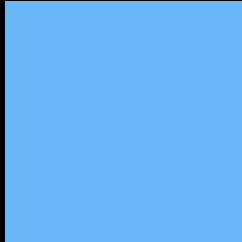
Large Text (above 18pt) WCAG AA × Fail

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 69B7F6 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

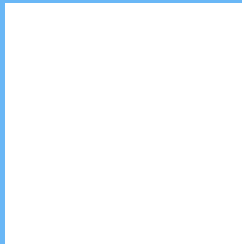
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 69B7F6 Background



This preview shows how black text looks on a background with the Hex color 69B7F6.

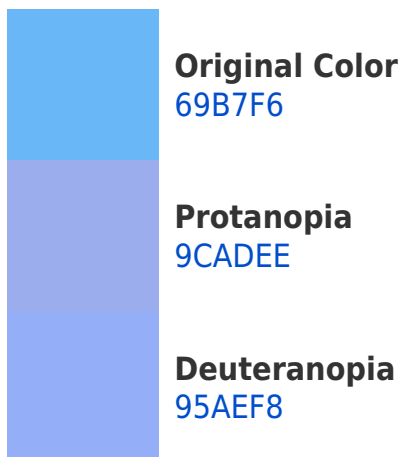


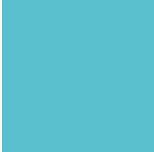
This preview shows how white text looks on a background with the Hex color 69B7F6.

# Color Blindness Simulation

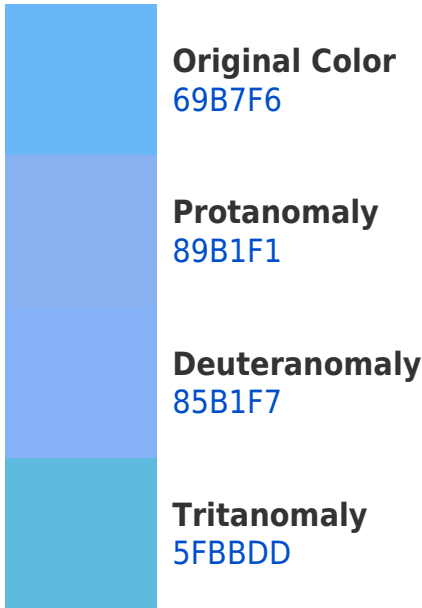
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

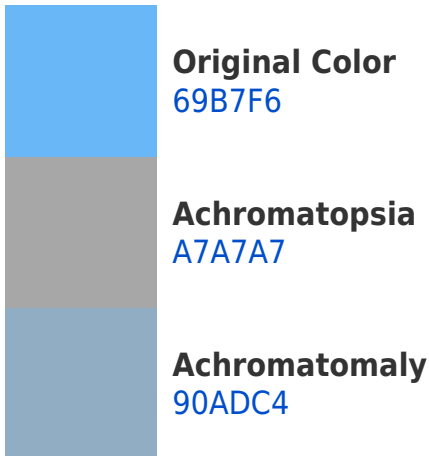




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69B7F6 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 #69B7F6 looks like.

```
.text, #text, p{  
    color:#69B7F6  
}
```

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 #69B7F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69B7F6
}
```

## Border

The CSS property to change the border of an element to Hex 69B7F6 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
#69B7F6 }
```

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

```
.border{ border-color:#69B7F6 }
```

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

Here you see how a box with a 4 pixel #69B7F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69B7F6; -webkit-box-shadow:4px 4px  
4px 4px #69B7F6; box-shadow:4px 4px 4px  
4px #69B7F6 }
```

# Background

The CSS property to change the background color of an element to Hex 69B7F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69B7F6 }
```

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

```
.background{ background-color:#69B7F6 }
```

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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