

# Converting Colors

Hex(6B9EFE)

Have a look what the booklet for  
Hex(6B9EFE) contains.

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# **Color**

**Hex(6B9EFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B9EFE
RGB	107, 158, 254
RGB Percent	42%, 62%, 100%
CMY	0.5804, 0.3804, 0.0039
CMYK	0.58, 0.38, 0.00, 0.00
HSL	219°, 99%, 71%
HSV	219°, 58%, 100%
XYZ	36.1797, 34.7353, 98.5636
YIQ	153.6950, -61.2120, 19.0440

# Conversions

## Conversions Part 2

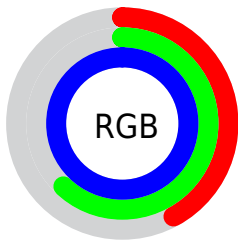
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	107, 145, 254
Decimal	7053054
CIE Lab	65.54, 10.89, -52.88
CIE LCh	66, 53.991, 281.636
Yxy	34.7353, 0.2135, 0.2050
Android (android.graphics.Color)	4285243134 (0xFF6B9EFE)
YUV	153.6950, 49.4504, -40.9515
Hunter-Lab	58.9366, 6.4373, -57.8989

# Details

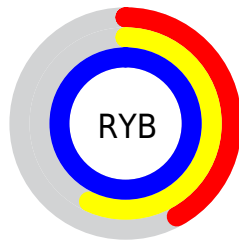
The Hex color **6B9EFE** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FECB6B**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A8D4FF**, and **236BC5** is the 20% darker color. If you saturate the color by 10%, you get **528DFE**, and if you desaturate by 10%, it is **84AFFE**.

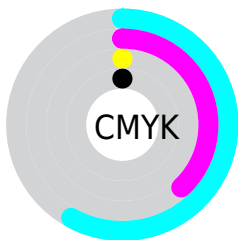
# Distribution



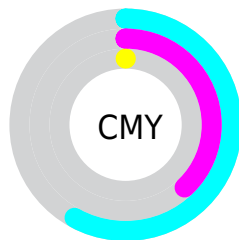
- Red (42%)
- Green (62%)
- Blue (100%)



- Red (42%)
- Yellow (57%)
- Blue (100%)



- Cyan (58%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (38%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B9EFE 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 6B9EFE by changing the saturation by 10% instead.



 6B9EFE

 6B9EFE

FFFFFF

 4B84E1

 A8D4FF

 236BC5

 C6F0FF

 0053A9

 E4FFFF

 003D8E

 002874

 00155B

 000743

 00032B

 000116

■ 6B9EFE

■ 6B9EFE

■ 528DFE

■ 84AFFE

■ 387DFE

■ 9EBFFE

■ 1F6CFE

■ B7D0FE

■ 055CFE

■ D1E0FE

■ 0058FE

■ EAF1FE

FFFFFE

# Harmonies

## Analogous

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



00ADFB



6B9EFE



BB8BE8

# Triad

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



6B9EFE



F08061



0FB57F

# Complementary

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



6B9EFE



FECB6B

# 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.



73AE53



6B9EFE



D39241

# Square

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



6B9EFE



F9758E



A8A33A



00B7B1

# Rectangle

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



6B9EFE



DC7ECE



A8A33A



42B36F



# Sweetspot

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



6B9EFE



D4E3FF



6BFECB



666F80



000000



808080



# Same Dimension

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



6B9EFE



4F8CFF



816BFE



737780



0042BF



001640



# Inverse Universe

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



FE6B9E



FF4F8C



E8FE6B



807377



BF0042



400016



# Previews

## White Background



This preview shows how the Hex color 6B9EFE looks on a white background.

## Color Contrast Check

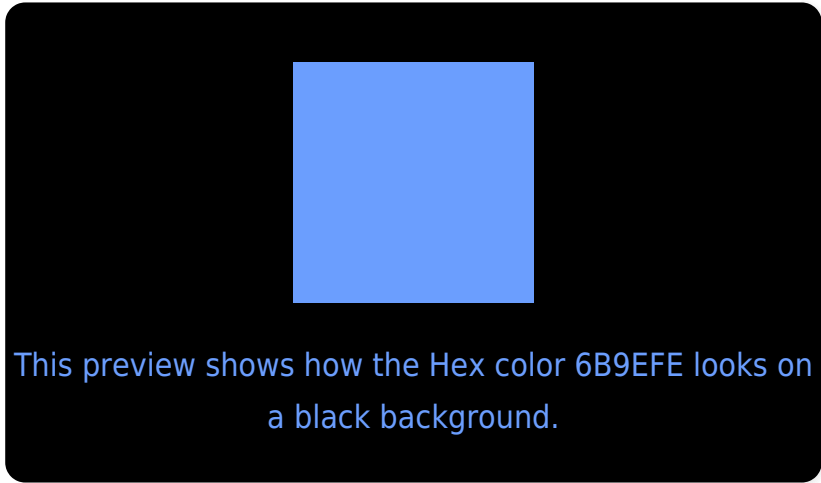
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

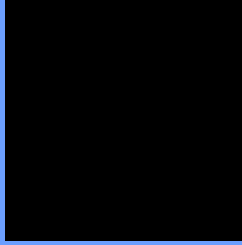
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

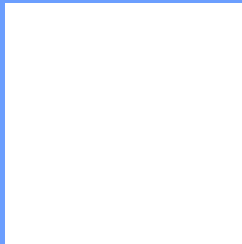
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B9EFE Background



This preview shows how black text looks on a background with the Hex color 6B9EFE.



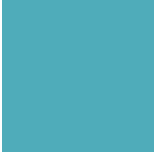
This preview shows how white text looks on a background with the Hex color 6B9EFE.

# Color Blindness Simulation

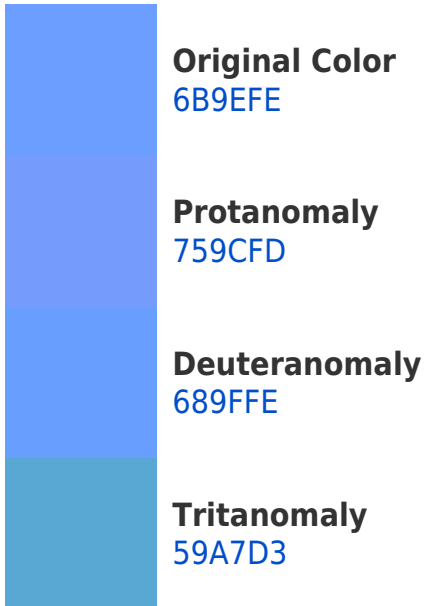
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

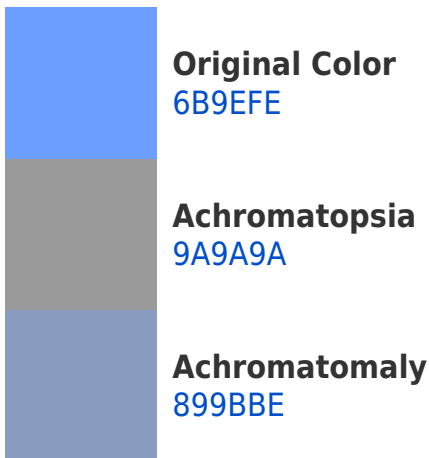




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B9EFE 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 #6B9EFE looks like.

```
.text, #text, p{  
    color:#6B9EFE  
}
```

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 #6B9EFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B9EFE
}
```

## Border

The CSS property to change the border of an element to Hex 6B9EFE is called "border". The border property can be set on classes, ids or directly on the HTML element.

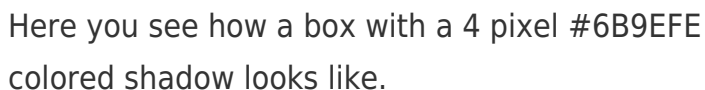
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B9EFE }
```

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

```
.border{ border-color:#6B9EFE }
```

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



Here you see how a box with a 4 pixel #6B9EFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B9EFE; -webkit-box-shadow:4px 4px  
4px 4px #6B9EFE; box-shadow:4px 4px 4px  
4px #6B9EFE }
```

# Background

The CSS property to change the background color of an element to Hex 6B9EFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B9EFE }
```

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

```
.background{ background-color:#6B9EFE }
```

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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