

# Converting Colors

Hex(6B86FB)

Have a look what the booklet for  
Hex(6B86FB) contains.

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# **Color**

**Hex(6B86FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B86FB
RGB	107, 134, 251
RGB Percent	42%, 53%, 98%
CMY	0.5804, 0.4745, 0.0157
CMYK	0.57, 0.47, 0.00, 0.02
HSL	229°, 95%, 70%
HSV	229°, 57%, 98%
XYZ	32.0011, 27.1410, 94.8189
YIQ	139.2650, -53.6490, 30.6630

# Conversions

## Conversions Part 2

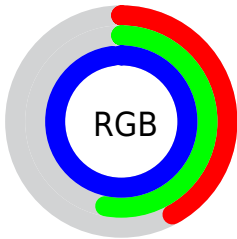
Format	Color
R <sub>Y</sub> B	107, 130, 251
Decimal	7046907
CIE Lab	59.10, 24.11, -61.50
CIE LCh	59, 66.056, 291.409
Yxy	27.1410, 0.2079, 0.1763
Android (android.graphics.Color)	4285236987 (0xFF6B86FB)
YUV	139.2650, 55.0854, -28.2964
Hunter-Lab	52.0971, 18.4754, -71.4424

# Details

The Hex color **6B86FB** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FBE06B**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **A8BBFF**, and **2255C2** is the 20% darker color. If you saturate the color by 10%, you get **5272FB**, and if you desaturate by 10%, it is **849AFB**.

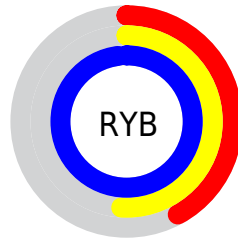
# Distribution



Red (42%)

Green (53%)

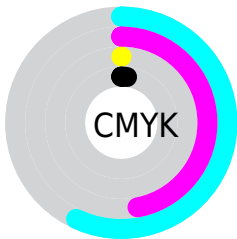
Blue (98%)



Red (42%)

Yellow (51%)

Blue (98%)

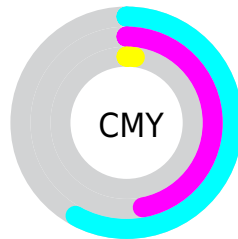


Cyan (57%)

Magenta (47%)

Yellow (0%)

Black (2%)



Cyan (58%)

Magenta (47%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B86FB 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 6B86FB by changing the saturation by 10% instead.



 6B86FB

 6B86FB

FFFFFF

 4B6DDE

 A8BBFF

 2255C2

 C6D6FF

 003EA6

 E4F3FF

 00298B

 001771

 000058

 00063F

 000328

 000112

■ 6B86FB

■ 6B86FB

■ 5272FB

■ 849AFB

■ 395DFB

■ 9DAFFB

■ 2049FB

■ B6C3FB

■ 0734FB

■ CFD8FB

■ 002FFB

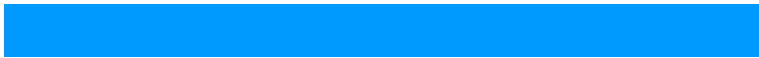
■ E8ECFB

FFFFFB

# Harmonies

## Analogous

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



009AFF



6B86FB



C36BD7

# Triad

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



6B86FB



E06D33



00A87B

# Complementary

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



6B86FB



FBE06B

# 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.



32A341



6B86FB



B88600

# Square

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



6B86FB



F55768



829804



00A9B7

# Rectangle

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



6B86FB



E45BB5



829804



00A767



# Sweetspot

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



6B86FB



D4DCFF



6BFBDE



666B80



000000



808080



# Same Dimension

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



6B86FB



4F70FF



966BFB



70737D



0023BD



000B3D



# Inverse Universe

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



FB6B86



FF4F70



D0FB6B



7D7073



BD0023

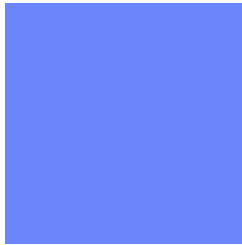


3D000B



# Previews

## White Background



This preview shows how the Hex color 6B86FB looks on a white background.

## Color Contrast Check

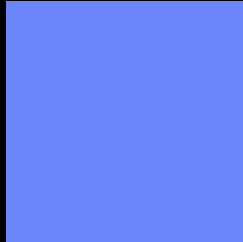
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B86FB 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 × Fail

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



## Hex 6B86FB Background



This preview shows how black text looks on a background with the Hex color 6B86FB.

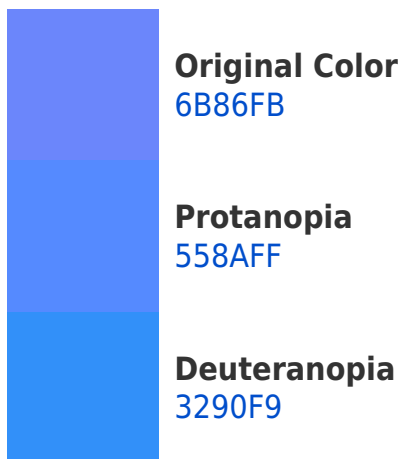


This preview shows how white text looks on a background with the Hex color 6B86FB.

# 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](#).

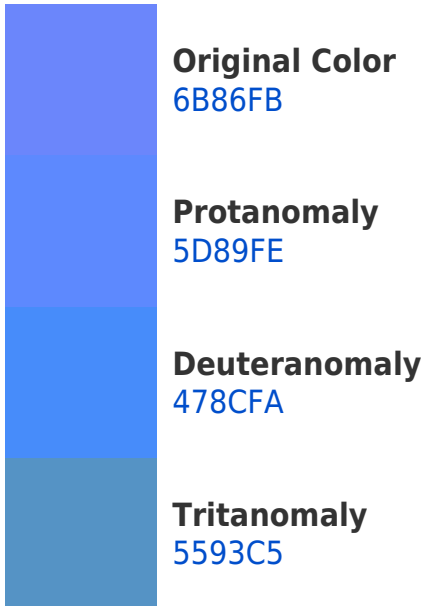
## Dichromacy





**Tritanopia**  
499AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B86FB 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 #6B86FB looks like.

```
.text, #text, p{  
    color:#6B86FB  
}
```

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 #6B86FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B86FB
}
```

## Border

The CSS property to change the border of an element to Hex 6B86FB 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
#6B86FB }
```

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

```
.border{ border-color:#6B86FB }
```

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

Here you see how a box with a 4 pixel #6B86FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B86FB; -webkit-box-shadow:4px 4px  
4px 4px #6B86FB; box-shadow:4px 4px 4px  
4px #6B86FB }
```

# Background

The CSS property to change the background color of an element to Hex 6B86FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B86FB }
```

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

```
.background{ background-color:#6B86FB }
```

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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