

# Converting Colors

Hex(6785FB)

Have a look what the booklet for  
Hex(6785FB) contains.

<b>Hex(6785FB)</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(6785FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6785FB
RGB	103, 133, 251
RGB Percent	40%, 52%, 98%
CMY	0.5961, 0.4784, 0.0157
CMYK	0.59, 0.47, 0.00, 0.02
HSL	228°, 95%, 69%
HSV	228°, 59%, 98%
XYZ	31.3936, 26.6237, 94.7510
YIQ	137.4820, -55.7580, 30.3380

# Conversions

## Conversions Part 2

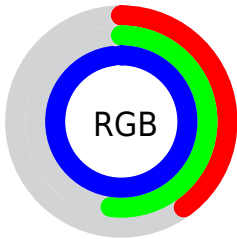
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 128, 251</a>
Decimal	<a href="#">6784507</a>
CIELab	<a href="#">58.62, 23.97, -62.28</a>
CIELCh	<a href="#">59, 66.733, 291.048</a>
Yxy	<a href="#">26.6237, 0.2055, 0.1743</a>
Android (android.graphics.Color)	<a href="#">4284974587 (0xFF6785FB)</a>
YUV	<a href="#">137.4820, 55.9644, -30.2407</a>
Hunter-Lab	<a href="#">51.5981, 18.3073, -72.7572</a>

# Details

The Hex color **6785FB** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FBDD67**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A4BAFF**, and **1954C2** is the 20% darker color. If you saturate the color by 10%, you get **4E71FB**, and if you desaturate by 10%, it is **8099FB**.

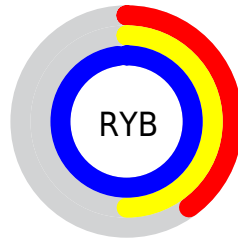
# Distribution



Red (40%)

Green (52%)

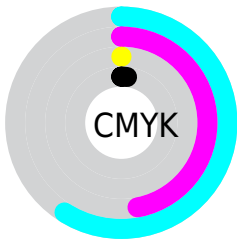
Blue (98%)



Red (40%)

Yellow (50%)

Blue (98%)

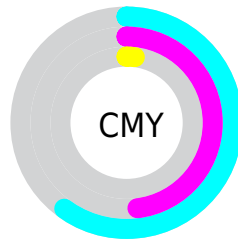


Cyan (59%)

Magenta (47%)

Yellow (0%)

Black (2%)



Cyan (60%)

Magenta (48%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6785FB 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 6785FB by changing the saturation by 10% instead.



 6785FB

 6785FB

FFFFFF

 466CDE

 A4BAFF

 1954C2

 C2D5FF

 003EA6

 E1F2FF

 00298B

 001671

 000058

 00063F

 000328

 000112

■ 6785FB

■ 6785FB

■ 4E71FB

■ 8099FB

■ 355DFB

■ 99ADFB

■ 1C49FB

■ B2C1FB

■ 0335FB

■ CBD5FB

■ 0033FB

■ E5E9FB

■ FEFDFB

■ FFFFFB

# Harmonies

## Analogous

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



0099FF



6785FB



C26AD7

# Triad

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



6785FB



E06B31



00A779

# Complementary

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



6785FB



FBDD67

# 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.



31A13E



6785FB



B78400

# Square

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



6785FB



F45467



819600



00A8B5

# Rectangle

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



6785FB



E259B4



819600



00A665



# Sweetspot

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



6785FB



D1DAFF



67FBDB



636980



000000



808080



# Same Dimension

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



6785FB



4A6FFF



9167FB



70737D



0026BD



000C3D



# Inverse Universe

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



FB6785



FF4A6F



D1FB67



7D7073



BD0026

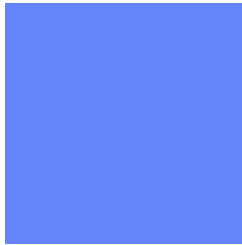


3D000C



# Previews

## White Background



This preview shows how the Hex color 6785FB looks on a white background.

## Color Contrast Check

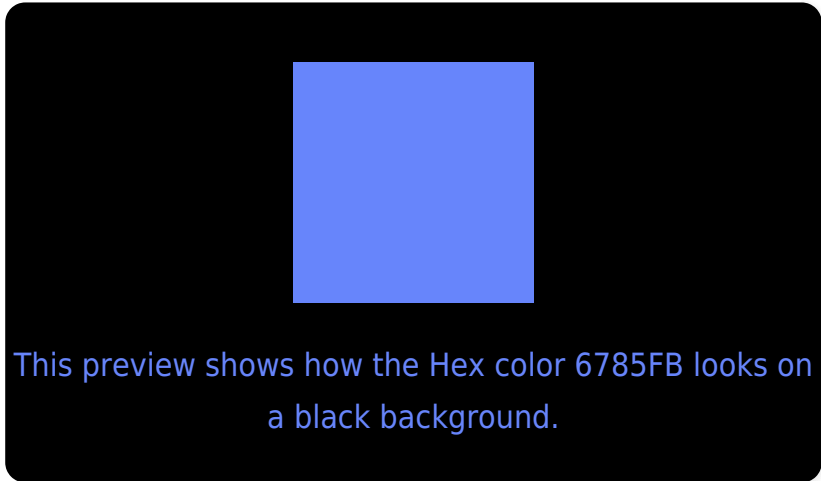
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

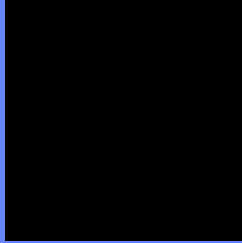
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6785FB Background



This preview shows how black text looks on a background with the Hex color 6785FB.

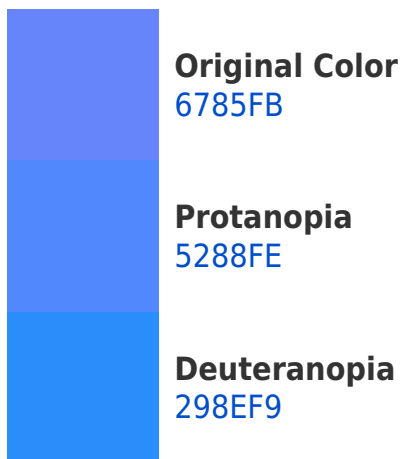


This preview shows how white text looks on a background with the Hex color 6785FB.

# 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](#).

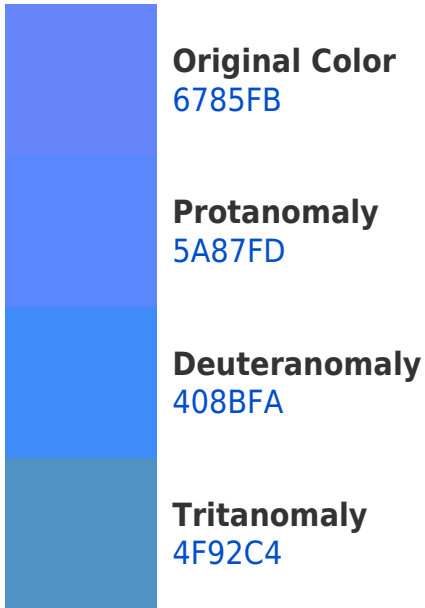
## Dichromacy





**Tritanopia**  
4299A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6785FB 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 #6785FB looks like.

```
.text, #text, p{  
    color:#6785FB  
}
```

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 #6785FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6785FB
}
```

## Border

The CSS property to change the border of an element to Hex 6785FB is called "border". The border property can be set on classes, ids or directly on the HTML element.

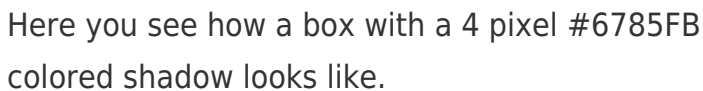
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6785FB }
```

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

```
.border{ border-color:#6785FB }
```

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



Here you see how a box with a 4 pixel #6785FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6785FB; -webkit-box-shadow:4px 4px  
4px 4px #6785FB; box-shadow:4px 4px 4px  
4px #6785FB }
```

# Background

The CSS property to change the background color of an element to Hex 6785FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6785FB }
```

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

```
.background{ background-color:#6785FB }
```

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