

# Converting Colors

Hex(6881FB)

Have a look what the booklet for  
Hex(6881FB) contains.

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# **Color**

**Hex(6881FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6881FB
RGB	104, 129, 251
RGB Percent	41%, 51%, 98%
CMY	0.5922, 0.4941, 0.0157
CMYK	0.59, 0.49, 0.00, 0.02
HSL	230°, 95%, 70%
HSV	230°, 59%, 98%
XYZ	30.9718, 25.6086, 94.5774
YIQ	135.4330, -54.0620, 32.6420

# Conversions

## Conversions Part 2

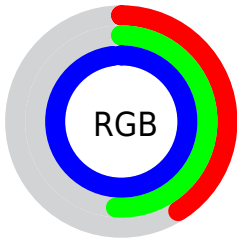
Format	Color
<a href="#">RYB</a>	<a href="#">104, 125, 251</a>
Decimal	<a href="#">6849019</a>
CIELab	<a href="#">57.66, 26.55, -63.82</a>
CIELCh	<a href="#">58, 69.124, 292.591</a>
Yxy	<a href="#">25.6086, 0.2049, 0.1694</a>
Android (android.graphics.Color)	<a href="#">4285039099 (0xFF6881FB)</a>
YUV	<a href="#">135.4330, 56.9745, -27.5667</a>
Hunter-Lab	<a href="#">50.6049, 20.6888, -75.3857</a>

# Details

The Hex color **6881FB** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **FBE268**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A5B6FF**, and **1B50C2** is the 20% darker color. If you saturate the color by 10%, you get **4F6CFB**, and if you desaturate by 10%, it is **8196FB**.

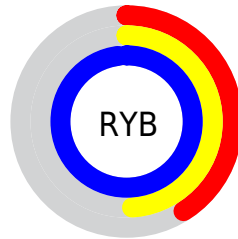
# Distribution



Red (41%)

Green (51%)

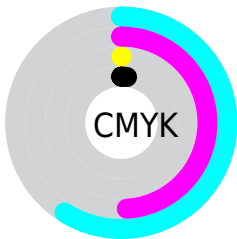
Blue (98%)



Red (41%)

Yellow (49%)

Blue (98%)

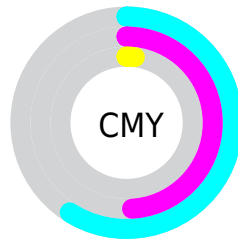


Cyan (59%)

Magenta (49%)

Yellow (0%)

Black (2%)



Cyan (59%)

Magenta (49%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6881FB 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 6881FB by changing the saturation by 10% instead.



 6881FB

 6881FB

FFFFFF

 4768DE

 A5B6FF

 1B50C2

 C3D1FF

 003AA6

 E2EDFF

 00258B

 001371

 000057

 00063F

 000328

 000112

■ 6881FB

■ 6881FB

■ 4F6CFB

■ 8196FB

■ 3657FB

■ 9AABFB

■ 1D43FB

■ B3BFFB

■ 042EFB

■ CCD4FB

■ 002BFB

■ E5E9FB

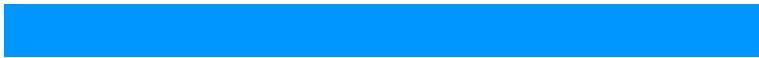
■ FFFEFB

■ FFFFFB

# Harmonies

## Analogous

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



0096FF



6881FB



C464D5

# Triad

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



6881FB



DD6928



00A579

# Complementary

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



6881FB



FBE268

# 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.



1BA03B



6881FB



B38300

# Square

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



6881FB



F44F60



7A9500



00A6B7

# Rectangle

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



6881FB



E451B0



7A9500



00A464



# Sweetspot

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



6881FB



D1D9FF



68FBEO



636880



000000



808080



# Same Dimension

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



6881FB



4D6BFF



9768FB



70737D



0020BD



000A3D



# Inverse Universe

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



FB6881



FF4D6B



CCFB68



7D7073



BD0020

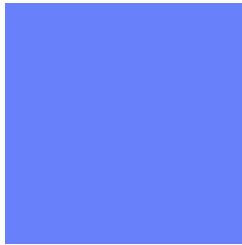


3D000A



# Previews

## White Background



This preview shows how the Hex color 6881FB looks on a white background.

## Color Contrast Check

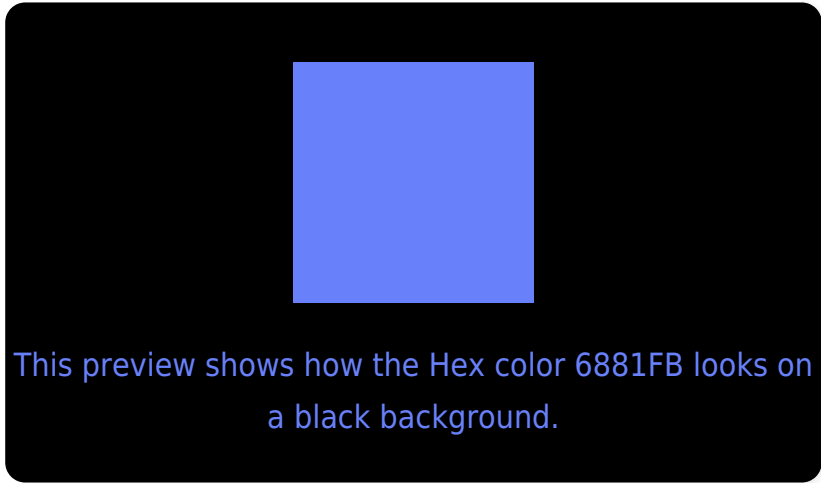
Large Text (above 18pt) WCAG AA ✓ Pass

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

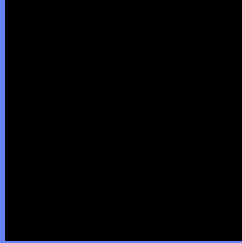
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6881FB Background



This preview shows how black text looks on a background with the Hex color 6881FB.



This preview shows how white text looks on a background with the Hex color 6881FB.

# 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](#).

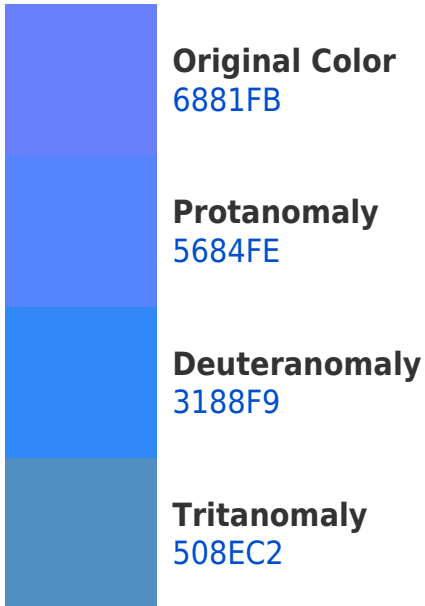
## Dichromacy



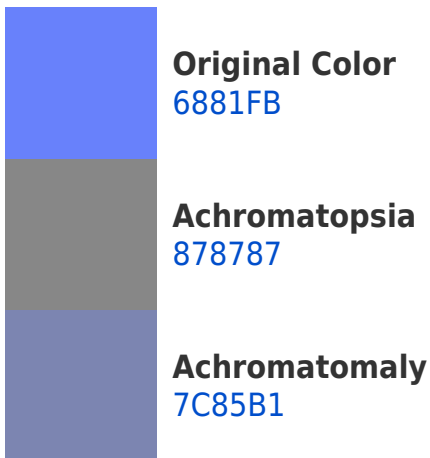


**Tritanopia**  
4296A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6881FB 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 #6881FB looks like.

```
.text, #text, p{  
    color:#6881FB  
}
```

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 #6881FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6881FB
}
```

## Border

The CSS property to change the border of an element to Hex 6881FB is called "border". The border property can be set on classes, ids or directly on the HTML element.

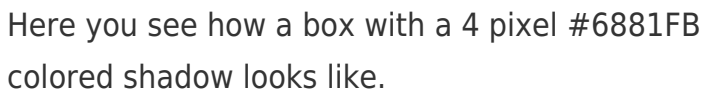
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6881FB }
```

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

```
.border{ border-color:#6881FB }
```

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



Here you see how a box with a 4 pixel #6881FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6881FB; -webkit-box-shadow:4px 4px  
4px 4px #6881FB; box-shadow:4px 4px 4px  
4px #6881FB }
```

# Background

The CSS property to change the background color of an element to Hex 6881FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6881FB }
```

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

```
.background{ background-color:#6881FB }
```

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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