

Converting Colors

Hex(6787FC)

Have a look what the booklet for
Hex(6787FC) contains.

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Color

Hex(6787FC)

Conversions

Conversions Part 1

Format	Color
Hex	6787FC
RGB	103, 135, 252
RGB Percent	40%, 53%, 99%
CMY	0.5961, 0.4706, 0.0118
CMYK	0.59, 0.46, 0.00, 0.01
HSL	227°, 96%, 70%
HSV	227°, 59%, 99%
XYZ	31.8282, 27.2398, 95.6757
YIQ	138.7700, -56.6290, 29.6030

Conversions

Conversions Part 2

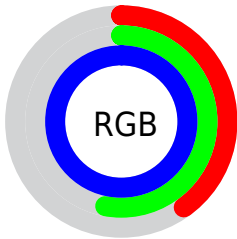
Format	Color
RYB	103, 129, 252
Decimal	6785020
CIELab	59.20, 23.09, -61.91
CIElCh	59, 66.081, 290.454
Yxy	27.2398, 0.2057, 0.1760
Android (android.graphics.Color)	4284975100 (0xFF6787FC)
YUV	138.7700, 55.8224, -31.3703
Hunter-Lab	52.1917, 17.5194, -72.1537

Details

The Hex color **6787FC** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FCDC67**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A4BCFF**, and **1956C3** is the 20% darker color. If you saturate the color by 10%, you get **4E73FC**, and if you desaturate by 10%, it is **809BFC**.

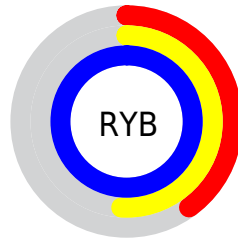
Distribution



Red (40%)

Green (53%)

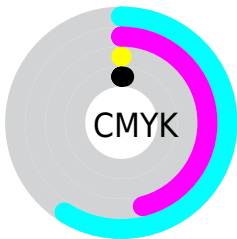
Blue (99%)



Red (40%)

Yellow (51%)

Blue (99%)

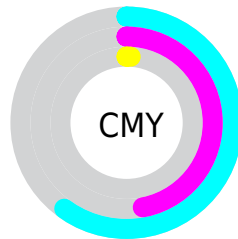


Cyan (59%)

Magenta (46%)

Yellow (0%)

Black (1%)



Cyan (60%)

Magenta (47%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6787FC 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 6787FC by changing the saturation by 10% instead.

 6787FC

 6787FC

FFFFFF

 466EDF

 A4BCFF

 1956C3

 C3D8FF

 003FA7

 E1F4FF

 002A8C

 001872

 000058

 000740

 000329

 000113

■ 6787FC

■ 6787FC

■ 4E73FC

■ 809BFC

■ 355FFC

■ 99AFFC

■ 1B4CFC

■ B3C2FC

■ 0238FC

■ CCD6FC

■ 0036FC

■ E5EAFC

■ FEFEFC

■ FFFFFC

Harmonies

Analogous

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



009BFF



6787FC



C26CD9

Triad

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



6787FC



E26D35



00A879

Complementary

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



6787FC



FCDC67

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.



37A33F



6787FC



BA8500

Square

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



6787FC



F5566A



849802



00A9B5

Rectangle

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



6787FC



E35BB7



849802



00A765

Sweetspot

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



6787FC



D1DBFF



67FCDC



636980



000000



808080

Same Dimension

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



6787FC



4A71FF



9167FC



70737D



0029BD



000D3D

Inverse Universe

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



FC6787



FF4A71



D2FC67



7D7073



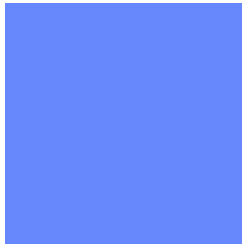
BD0029



3D000D

Previews

White Background



This preview shows how the Hex color 6787FC looks on a white background.

Color Contrast Check

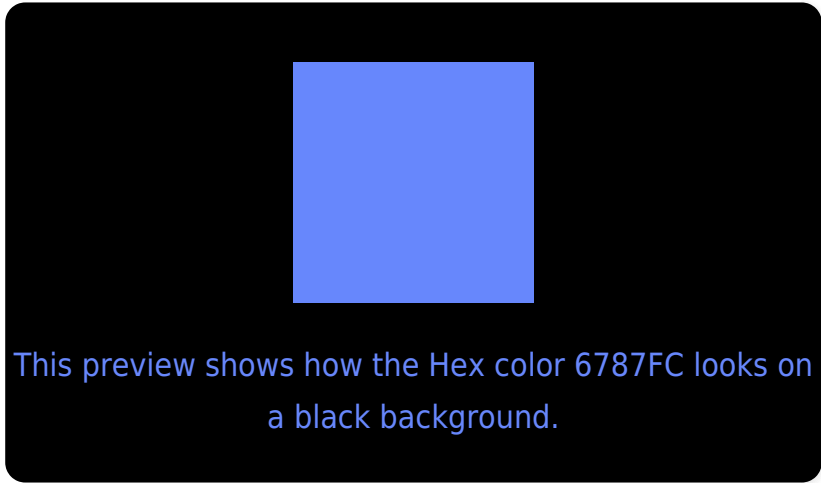
Large Text (above 18pt) WCAG AA ✓ Pass

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

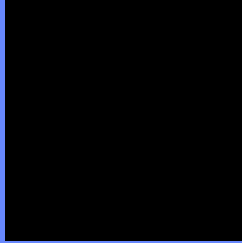
Any Text WCAG AA ✓ Pass

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 6787FC Background



This preview shows how black text looks on a background with the Hex color 6787FC.

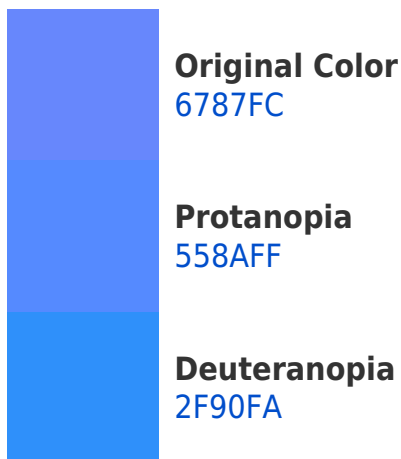


This preview shows how white text looks on a background with the Hex color 6787FC.

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](#).

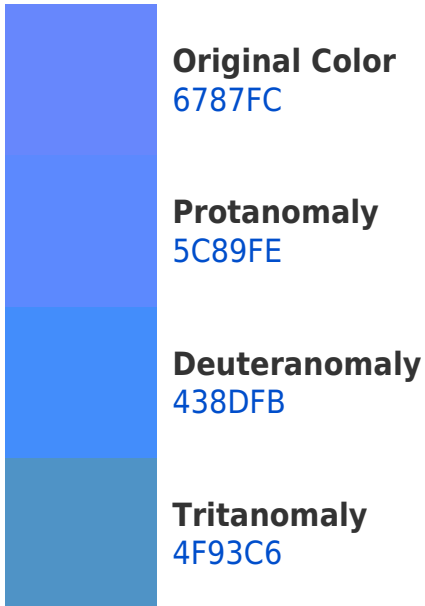
Dichromacy



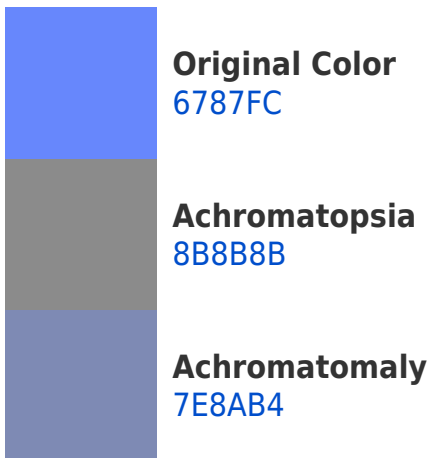


Tritanopia
429AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6787FC 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 #6787FC looks like.

```
.text, #text, p{  
    color:#6787FC  
}
```

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 #6787FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6787FC
}
```

Border

The CSS property to change the border of an element to Hex 6787FC is called "border". The border property can be set on classes, ids or directly on the HTML element.

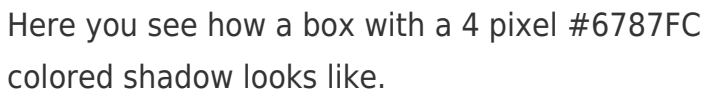
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6787FC }
```

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

```
.border{ border-color:#6787FC }
```

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



Here you see how a box with a 4 pixel #6787FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6787FC; -webkit-box-shadow:4px 4px  
4px 4px #6787FC; box-shadow:4px 4px 4px  
4px #6787FC }
```

Background

The CSS property to change the background color of an element to Hex 6787FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6787FC }
```

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

```
.background{ background-color:#6787FC }
```

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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