

Converting Colors

Hex(6F83F4)

Have a look what the booklet for
Hex(6F83F4) contains.

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Color

Hex(6F83F4)

Conversions

Conversions Part 1

Format	Color
Hex	6F83F4
RGB	111, 131, 244
RGB Percent	44%, 51%, 96%
CMY	0.5647, 0.4863, 0.0431
CMYK	0.55, 0.46, 0.00, 0.04
HSL	231°, 86%, 70%
HSV	231°, 55%, 96%
XYZ	31.0010, 26.1438, 89.0003
YIQ	137.9020, -48.1930, 30.9030

Conversions

Conversions Part 2

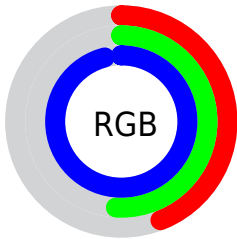
Format	Color
R _Y B	111, 128, 244
Decimal	7308276
CIE Lab	58.17, 24.47, -59.11
CIE LCh	58, 63.977, 292.483
Yxy	26.1438, 0.2121, 0.1789
Android (android.graphics.Color)	4285498356 (0xFF6F83F4)
YUV	137.9020, 52.3063, -23.5931
Hunter-Lab	51.1310, 18.7463, -67.4105

Details

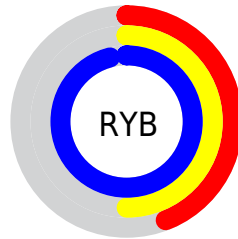
The Hex color **6F83F4** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F4E06F**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **AAB8FF**, and **2C52BB** is the 20% darker color. If you saturate the color by 10%, you get **576EF4**, and if you desaturate by 10%, it is **8798F4**.

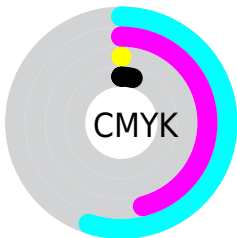
Distribution



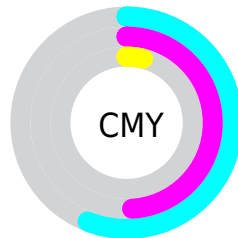
- Red (44%)
- Green (51%)
- Blue (96%)



- Red (44%)
- Yellow (50%)
- Blue (96%)



- Cyan (55%)
- Magenta (46%)
- Yellow (0%)
- Black (4%)



- Cyan (56%)
- Magenta (49%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F83F4 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 6F83F4 by changing the saturation by 10% instead.

 6F83F4

 6F83F4

FFFFFF

 506AD7

 AAB8FF

 2C52BB

 C8D3FF

 003C9F

 E6F0FF

 002785

 00146B

 000052

 00053A

 000223

 00000A

■ 6F83F4

■ 6F83F4

■ 576EF4

■ 8798F4

■ 3E5AF4

■ A0ACF4

■ 2645F4

■ B8C1F4

■ 0D30F4

■ D1D6F4

■ 0025F4

■ E9EBF4

■ FFFFF4

Harmonies

Analogous

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



0097FB



6F83F4



C169D1

Triad

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



6F83F4



DA6D32



00A57B

Complementary

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



6F83F4



F4E06F

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.



30A043



6F83F4



B38400

Square

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



6F83F4



EF5765



7E950E



00A6B5

Rectangle

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



6F83F4



E05AAF



7E950E



00A468

Sweetspot

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



6F83F4



D6DCFF



6FF4DE



676B80



000000



808080

Same Dimension

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



6F83F4



5972FF



9B6FF4



6E707A



001CBA



00093B

Inverse Universe

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



F46F83



FF5972



C8F46F



7A6E70



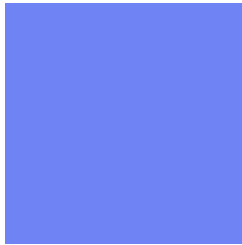
BA001C



3B0009

Previews

White Background



This preview shows how the Hex color 6F83F4 looks on a white background.

Color Contrast Check

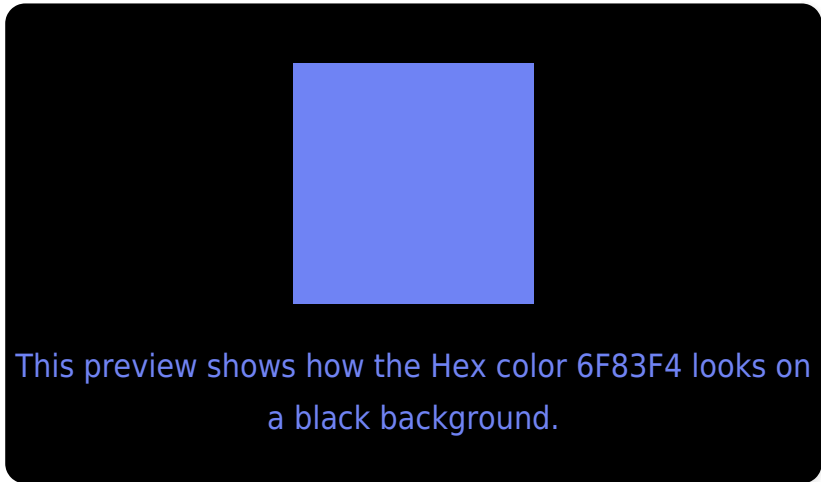
Large Text (above 18pt) WCAG AA ✓ Pass

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

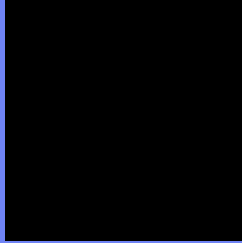
Any Text WCAG AA ✓ Pass

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 6F83F4 Background



This preview shows how black text looks on a background with the Hex color 6F83F4.



This preview shows how white text looks on a background with the Hex color 6F83F4.

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](#).

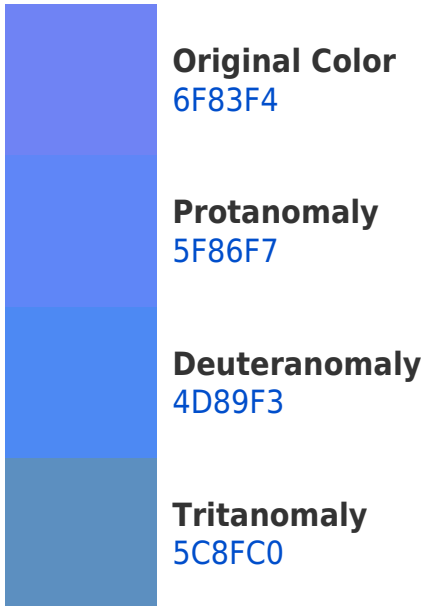
Dichromacy





Tritanopia
5196A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6F83F4 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 #6F83F4 looks like.

```
.text, #text, p{  
    color:#6F83F4  
}
```

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 #6F83F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F83F4
}
```

Border

The CSS property to change the border of an element to Hex 6F83F4 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
#6F83F4 }
```

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

```
.border{ border-color:#6F83F4 }
```

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

Here you see how a box with a 4 pixel #6F83F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F83F4; -webkit-box-shadow:4px 4px  
4px 4px #6F83F4; box-shadow:4px 4px 4px  
4px #6F83F4 }
```

Background

The CSS property to change the background color of an element to Hex 6F83F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F83F4 }
```

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

```
.background{ background-color:#6F83F4 }
```

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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