

Converting Colors

Hex(6879EF)

Have a look what the booklet for
Hex(6879EF) contains.

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Color

Hex(6879EF)

Conversions

Conversions Part 1

Format	Color
Hex	6879EF
RGB	104, 121, 239
RGB Percent	41%, 47%, 94%
CMY	0.5922, 0.5255, 0.0627
CMYK	0.56, 0.49, 0.00, 0.06
HSL	232°, 81%, 67%
HSV	232°, 56%, 94%
XYZ	28.1263, 22.8498, 84.5894
YIQ	129.3690, -48.0100, 33.0940

Conversions

Conversions Part 2

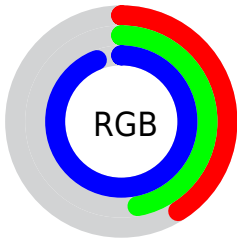
Format	Color
RYB	104, 119, 239
Decimal	6846959
CIELab	54.92, 27.51, -61.59
CIELCh	55, 67.453, 294.073
Yxy	22.8498, 0.2075, 0.1686
Android (android.graphics.Color)	4285037039 (0xFF6879EF)
YUV	129.3690, 54.0481, -22.2486
Hunter-Lab	47.8015, 21.3765, -71.4585

Details

The Hex color **6879EF** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **EFDE68**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A4ADFF**, and **2149B6** is the 20% darker color. If you saturate the color by 10%, you get **5064EF**, and if you desaturate by 10%, it is **808EEF**.

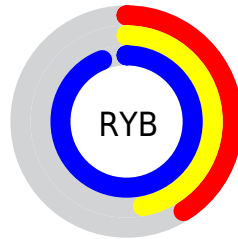
Distribution



Red (41%)

Green (47%)

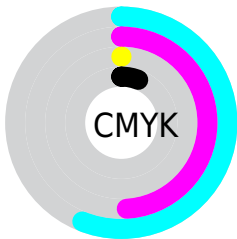
Blue (94%)



Red (41%)

Yellow (47%)

Blue (94%)

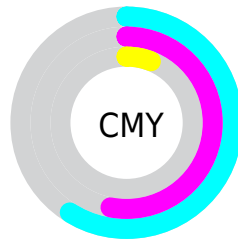


Cyan (56%)

Magenta (49%)

Yellow (0%)

Black (6%)



Cyan (59%)

Magenta (53%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6879EF 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 6879EF by changing the saturation by 10% instead.

 6879EF

 6879EF

FFFFFF

 4860D2

 A4ADFF

 2149B6

 C2C8FF

 00339B

 E0E4FF

 001F80

FEFFFF

 000B66

 00054D

 000536

 00021F

 000003

■ 6879EF

■ 6879EF

■ 5064EF

■ 808EEF

■ 384FEF

■ 98A3EF

■ 203AEF

■ B0B8EF

■ 0825EF

■ C8CDEF

■ 001EEF

■ DFE1EF

■ F7F6EF

■ FFFFEF

Harmonies

Analogous

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



008EF8



6879EF



BE5CC9

Triad

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



6879EF



D26421



009D76

Complementary

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



6879EF



EFDE68

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.



019839



6879EF



A87D00

Square

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



6879EF



E94A58



718E00



009EB2

Rectangle

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



6879EF



DC4BA5



718E00



009C61

Sweetspot

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



6879EF



D4D9FF



68EFDD



666980



000000



808080

Same Dimension

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



6879EF



5267FF



9968EF



6C6D78



0017B8



000738

Inverse Universe

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



EF6879



FF5267



BDEF68



786C6D



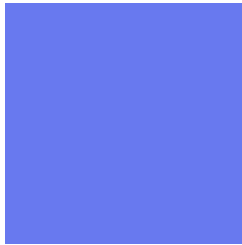
B80017



380007

Previews

White Background



This preview shows how the Hex color 6879EF looks on a white background.

Color Contrast Check

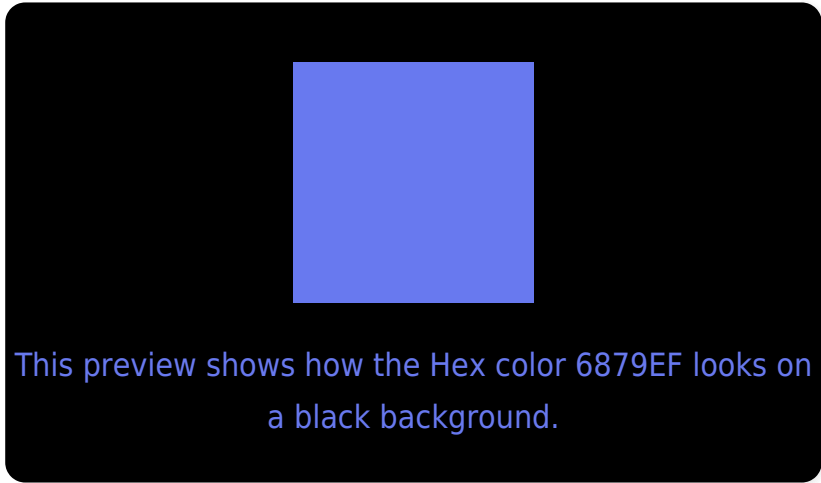
Large Text (above 18pt) WCAG AA ✓ Pass

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 6879EF Background



This preview shows how black text looks on a background with the Hex color 6879EF.



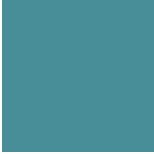
This preview shows how white text looks on a background with the Hex color 6879EF.

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](#).

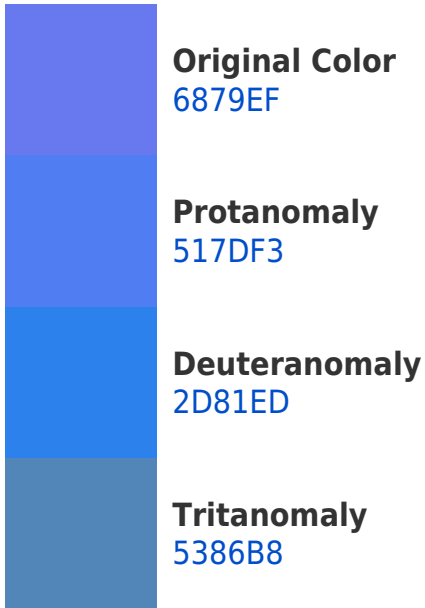
Dichromacy



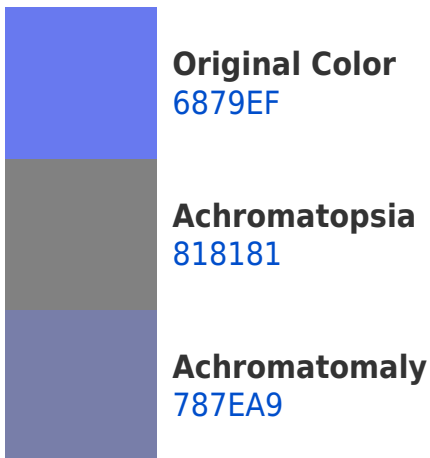


Tritanopia
478E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6879EF 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 #6879EF looks like.

```
.text, #text, p{  
    color:#6879EF  
}
```

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 #6879EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6879EF
}
```

Border

The CSS property to change the border of an element to Hex 6879EF is called "border". The border property can be set on classes, ids or directly on the HTML element.

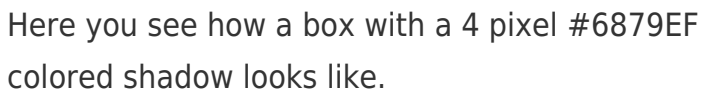
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6879EF }
```

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

```
.border{ border-color:#6879EF }
```

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



Here you see how a box with a 4 pixel #6879EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6879EF; -webkit-box-shadow:4px 4px  
4px 4px #6879EF; box-shadow:4px 4px 4px  
4px #6879EF }
```

Background

The CSS property to change the background color of an element to Hex 6879EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6879EF }
```

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

```
.background{ background-color:#6879EF }
```

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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