

Converting Colors

Hex(8791EF)

Have a look what the booklet for
Hex(8791EF) contains.

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Color

Hex(8791EF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8791EF |
| RGB | 135, 145, 239 |
| RGB Percent | 53%, 57%, 94% |
| CMY | 0.4706, 0.4314, 0.0627 |
| CMYK | 0.44, 0.39, 0.00, 0.06 |
| HSL | 234°, 76%, 73% |
| HSV | 234°, 44%, 94% |
| XYZ | 35.6971, 31.6337, 85.8858 |
| YIQ | 152.7260, -36.1340, 27.1140 |

Conversions

Conversions Part 2

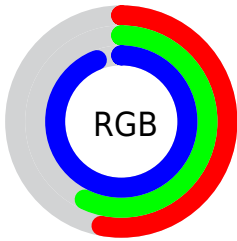
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 135, 144, 239 |
| Decimal | 8884719 |
| CIE _{Lab} | 63.04, 20.06, -48.52 |
| CIE _{LCh} | 63, 52.502, 292.463 |
| Yxy | 31.6337, 0.2330, 0.2065 |
| Android (android.graphics.Color) | 4287074799 (0xFF8791EF) |
| YUV | 152.7260, 42.5331, -15.5457 |
| Hunter-Lab | 56.2438, 14.8644, -51.1667 |

Details

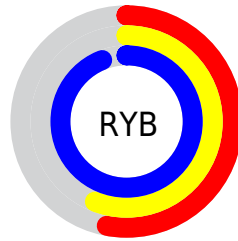
The Hex color **8791EF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **EFE587**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **C0C7FF**, and **4E5FB6** is the 20% darker color. If you saturate the color by 10%, you get **6F7BEF**, and if you desaturate by 10%, it is **9FA7EF**.

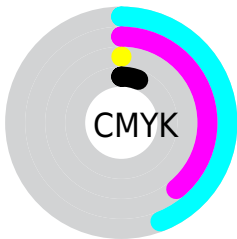
Distribution



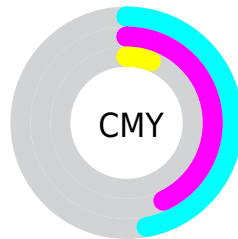
- Red (53%)
- Green (57%)
- Blue (94%)



- Red (53%)
- Yellow (56%)
- Blue (94%)



- Cyan (44%)
- Magenta (39%)
- Yellow (0%)
- Black (6%)



- Cyan (47%)
- Magenta (43%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8791EF 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 8791EF by changing the saturation by 10% instead.

8791EF

8791EF

FFFFFF

6B77D2

C0C7FF

4E5FB6

DDE3FF

30479B

FBFFFF

023181

001D67

00054F

000537

000220

000005

■ 8791EF

■ 8791EF

■ 6F7BEF

■ 9FA7EF

■ 5766EF

■ B7BCEF

■ 3F50EF

■ CFD2EF

■ 273BEF

■ E7E7EF

■ 1025EF

■ FEFDEF

■ 0017EF

■ FFFFEF

Harmonies

Analogous

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



00A1F5



8791EF



C67ED2

Triad

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



8791EF



DE8050



00AF8B

Complementary

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



8791EF



EFE587

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.



57AA5D



8791EF



BD9238

Square

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



8791EF



EF7278



90A13D



00AFBB

Rectangle

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



8791EF



E074B6



90A13D



00AE7B

Sweetspot

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



8791EF



DEE1FF



87EFE5



6B6D80



000000



808080

Same Dimension

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



8791EF



7A87FF



B187EF



6C6D78



0012B8



000538

Inverse Universe

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



EF8791



FF7A87



C5EF87



786C6D



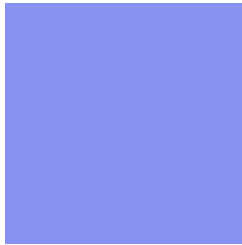
B80012



380005

Previews

White Background



This preview shows how the Hex color 8791EF looks on a white background.

Color Contrast Check

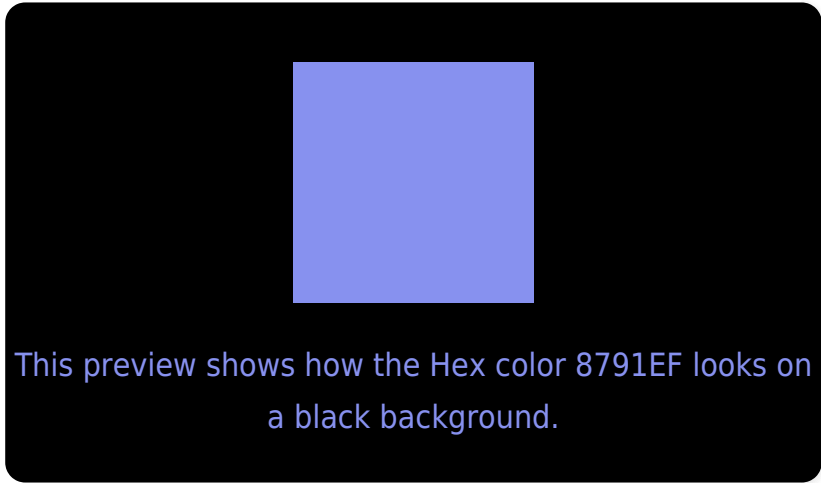
Large Text (above 18pt) WCAG AA × Fail

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

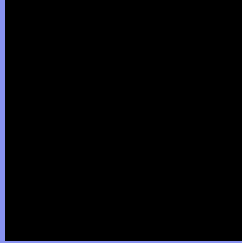
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 8791EF Background



This preview shows how black text looks on a background with the Hex color 8791EF.

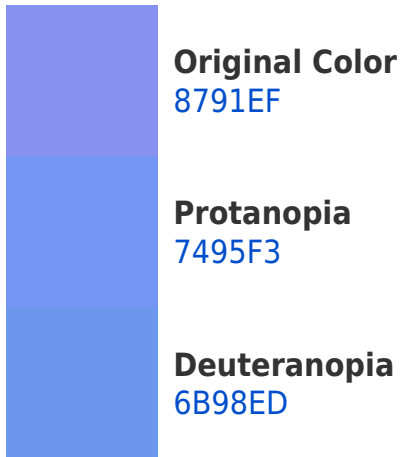


This preview shows how white text looks on a background with the Hex color 8791EF.

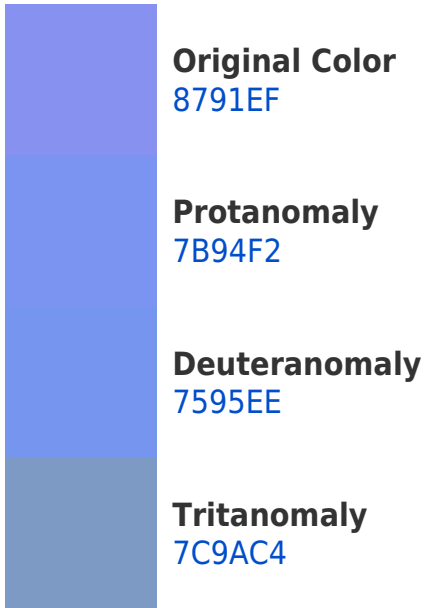
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8791EF 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 #8791EF looks like.

```
.text, #text, p{  
    color:#8791EF  
}
```

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 #8791EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8791EF
}
```

Border

The CSS property to change the border of an element to Hex 8791EF 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
#8791EF }
```

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

```
.border{ border-color:#8791EF }
```

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

Here you see how a box with a 4 pixel #8791EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8791EF; -webkit-box-shadow:4px 4px  
4px 4px #8791EF; box-shadow:4px 4px 4px  
4px #8791EF }
```

Background

The CSS property to change the background color of an element to Hex 8791EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8791EF }
```

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

```
.background{ background-color:#8791EF }
```

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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