

Converting Colors

Hex(899EF0)

Have a look what the booklet for
Hex(899EF0) contains.

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Color

Hex(899EF0)

Conversions

Conversions Part 1

Format	Color
Hex	899EF0
RGB	137, 158, 240
RGB Percent	54%, 62%, 94%
CMY	0.4627, 0.3804, 0.0588
CMYK	0.43, 0.34, 0.00, 0.06
HSL	228°, 77%, 74%
HSV	228°, 43%, 94%
XYZ	38.2716, 36.0634, 87.3819
YIQ	161.0690, -38.8380, 21.0500

Conversions

Conversions Part 2

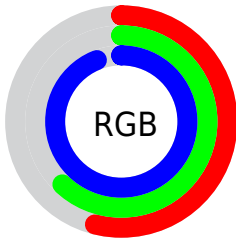
Format	Color
R_{YB}	137, 154, 240
Decimal	9019120
CIE _{Lab}	66.57, 13.32, -43.50
CIE _{LCh}	67, 45.494, 287.025
Yxy	36.0634, 0.2367, 0.2230
Android (android.graphics.Color)	4287209200 (0xFF899EF0)
YUV	161.0690, 38.9130, -21.1085
Hunter-Lab	60.0528, 8.6655, -44.2350

Details

The Hex color **899EF0** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F0DB89**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **C2D4FF**, and **516BB8** is the 20% darker color. If you saturate the color by 10%, you get **718BF0**, and if you desaturate by 10%, it is **A1B1F0**.

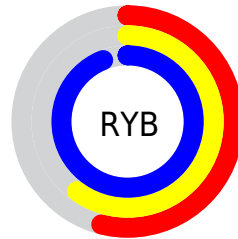
Distribution



Red (54%)

Green (62%)

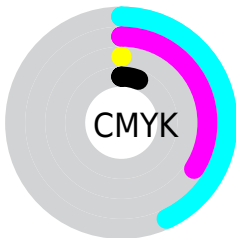
Blue (94%)



Red (54%)

Yellow (60%)

Blue (94%)

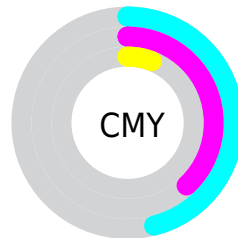


Cyan (43%)

Magenta (34%)

Yellow (0%)

Black (6%)



Cyan (46%)

Magenta (38%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 899EF0 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 899EF0 by changing the saturation by 10% instead.

899EF0

899EF0

FFFFFF

6D84D3

C2D4FF

516BB8

DFF1FF

33539C

FDFFFF

0B3C82

002768

001450

000538

000222

000008

 899EF0

 899EF0

 718BF0

 A1B1F0

 5978F0


 B9C4F0

 4165F0

 D1D7F0

 2952F0

 E9EAF0

 113EF0

 FFFEFO

 0031F0

 FFFFF0

Harmonies

Analogous

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



29ABF1



899EF0



C38EDA

Triad

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



899EF0



E58B68



34B68E

Complementary

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



899EF0



F0DB89

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.



75B168



899EF0



CA9951

Square

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



899EF0



F0818C



A4A751



00B7B8

Rectangle

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



899EF0



DC85C3



A4A751



4FB581

Sweetspot

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



899EF0



DEE5FF



89F0DA



6B6F80



000000



808080

Same Dimension

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



899EF0



7A95FF



A689F0



6C6E78



0025B8



000B38

Inverse Universe

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



F0899E



FF7A95



D3F089



786C6E



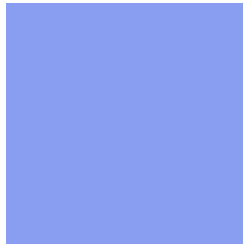
B80025



38000B

Previews

White Background



This preview shows how the Hex color 899EF0 looks on a white background.

Color Contrast Check

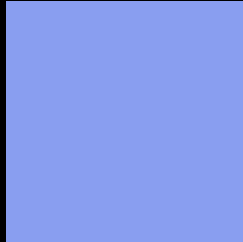
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 899EF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

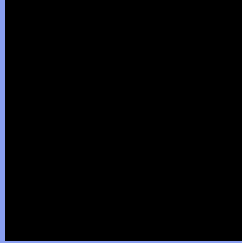
Any Text WCAG AA ✓ Pass

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 899EF0 Background



This preview shows how black text looks on a background with the Hex color 899EF0.



This preview shows how white text looks on a background with the Hex color 899EF0.

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



Original Color
899EF0

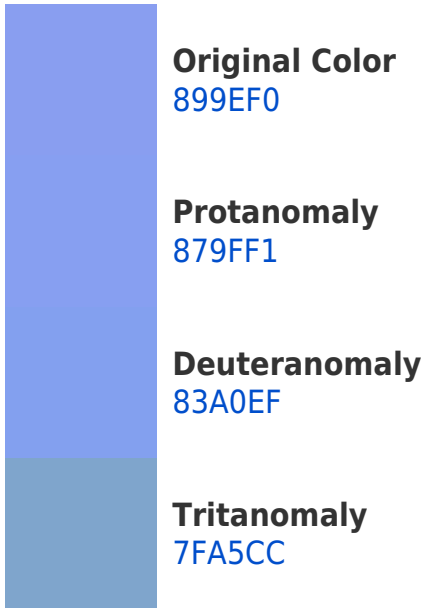
Protanopia
869FF1

Deuteranopia
7FA1EF

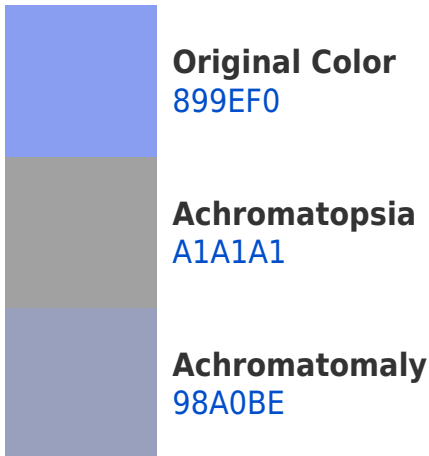


Tritanopia
7AA9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 899EF0 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 #899EF0 looks like.

```
.text, #text, p{  
    color:#899EF0  
}
```

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 #899EF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #899EF0
}
```

Border

The CSS property to change the border of an element to Hex 899EF0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

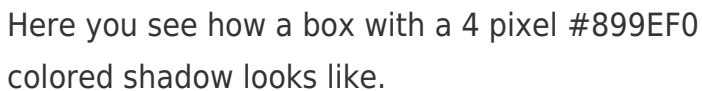
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#899EF0 }
```

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

```
.border{ border-color:#899EF0 }
```

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



Here you see how a box with a 4 pixel #899EF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #899EF0; -webkit-box-shadow:4px 4px  
4px 4px #899EF0; box-shadow:4px 4px 4px  
4px #899EF0 }
```

Background

The CSS property to change the background color of an element to Hex 899EF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#899EF0 }
```

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

```
.background{ background-color:#899EF0 }
```

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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