

Converting Colors

Hex(8EA4EF)

Have a look what the booklet for
Hex(8EA4EF) contains.

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Color

Hex(8EA4EF)

Conversions

Conversions Part 1

Format	Color
Hex	8EA4EF
RGB	142, 164, 239
RGB Percent	56%, 64%, 94%
CMY	0.4431, 0.3569, 0.0627
CMYK	0.41, 0.31, 0.00, 0.06
HSL	226°, 75%, 75%
HSV	226°, 41%, 94%
XYZ	40.0108, 38.5337, 86.9903
YIQ	165.9720, -37.1870, 18.6610

Conversions

Conversions Part 2

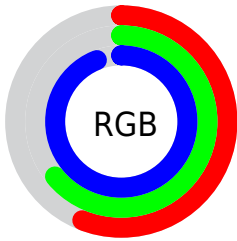
Format	Color
RYB	142, 160, 239
Decimal	9348335
CIELab	68.41, 10.88, -40.04
CIElCh	68, 41.495, 285.204
Yxy	38.5337, 0.2417, 0.2328
Android (android.graphics.Color)	4287538415 (0xFF8EA4EF)
YUV	165.9720, 36.0028, -21.0234
Hunter-Lab	62.0755, 6.4200, -39.6339

Details

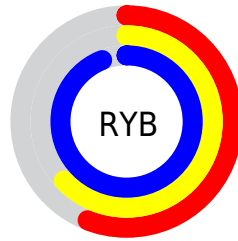
The Hex color **8EA4EF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EFD98E**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **C7DBFF**, and **5771B7** is the 20% darker color. If you saturate the color by 10%, you get **7692EF**, and if you desaturate by 10%, it is **A6B6EF**.

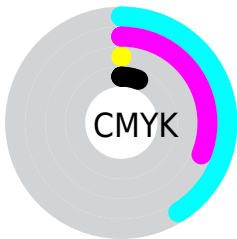
Distribution



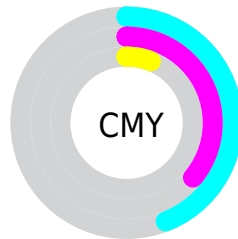
- Red (56%)
- Green (64%)
- Blue (94%)



- Red (56%)
- Yellow (63%)
- Blue (94%)



- Cyan (41%)
- Magenta (31%)
- Yellow (0%)
- Black (6%)



- Cyan (44%)
- Magenta (36%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EA4EF 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 8EA4EF by changing the saturation by 10% instead.

■ 8EA4EF

■ 8EA4EF

FFFFFF

■ 728AD2

■ C7DBFF

■ 5771B7

■ E4F7FF

■ 3A589C

■ 1A4181

■ 002C68

■ 00184F

■ 000238

■ 000221

■ 000007

■ 8EA4EF

■ 8EA4EF

■ 7692EF

■ A6B6EF

■ 5E7FEF

■ BEC9EF

■ 466DEF

■ D6DBEF

■ 2E5AEF

■ EEEEEF

■ 1648EF

■ FFFFEF

■ 0036EF

Harmonies

Analogous

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



45B0EF



8EA4EF



C396DC

Triad

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



8EA4EF



E79173



4EB992

Complementary

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



8EA4EF



EFD98E

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.



82B470



8EA4EF



CF9E5E

Square

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



8EA4EF



EF8995



ACAB5D



00BBB9

Rectangle

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



8EA4EF



DB8EC7



ACAB5D



61B886

Sweetspot

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



8EA4EF



E0E7FF



8EEFD8



6E7280



000000



808080

Same Dimension

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



8EA4EF



829EFF



A88EEF



6C6F78



002AB8



000D38

Inverse Universe

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



EF8EA4



FF829E



D5EF8E



786C6F



B8002A



38000D

Previews

White Background



This preview shows how the Hex color 8EA4EF looks on a white background.

Color Contrast Check

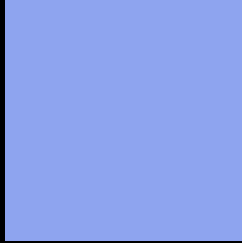
Large Text (above 18pt) WCAG AA × Fail

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 8EA4EF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

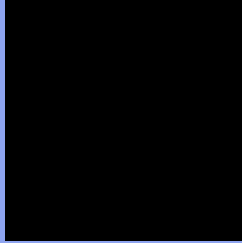
Any Text WCAG AA ✓ Pass

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 8EA4EF Background



This preview shows how black text looks on a background with the Hex color 8EA4EF.



This preview shows how white text looks on a background with the Hex color 8EA4EF.

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

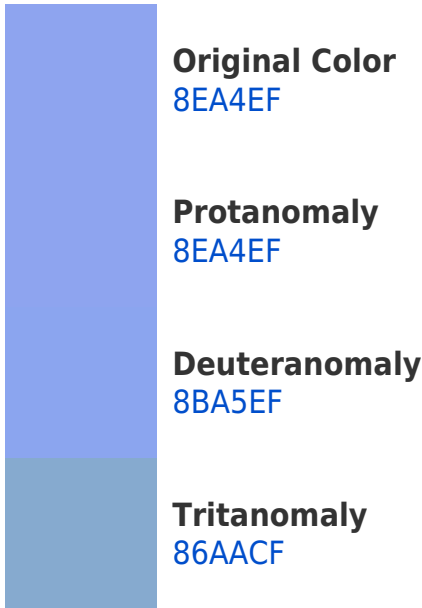


Original Color
8EA4EF

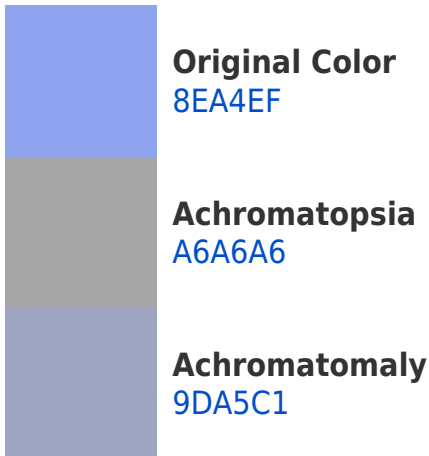
Protanopia
8EA4EF

Deuteranopia
8AA5EF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8EA4EF 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 #8EA4EF looks like.

```
.text, #text, p{  
    color:#8EA4EF  
}
```

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 #8EA4EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA4EF
}
```

Border

The CSS property to change the border of an element to Hex 8EA4EF 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
#8EA4EF }
```

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

```
.border{ border-color:#8EA4EF }
```

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

Here you see how a box with a 4 pixel #8EA4EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA4EF; -webkit-box-shadow:4px 4px  
4px 4px #8EA4EF; box-shadow:4px 4px 4px  
4px #8EA4EF }
```

Background

The CSS property to change the background color of an element to Hex 8EA4EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA4EF }
```

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

```
.background{ background-color:#8EA4EF }
```

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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