

Converting Colors

Hex(8EA7F6)

Have a look what the booklet for
Hex(8EA7F6) contains.

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Color

Hex(8EA7F6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8EA7F6 |
| RGB | 142, 167, 246 |
| RGB Percent | 56%, 65%, 96% |
| CMY | 0.4431, 0.3451, 0.0353 |
| CMYK | 0.42, 0.32, 0.00, 0.04 |
| HSL | 226°, 85%, 76% |
| HSV | 226°, 42%, 96% |
| XYZ | 41.6086, 40.0420, 92.7247 |
| YIQ | 168.5310, -40.2590, 19.2690 |

Conversions

Conversions Part 2

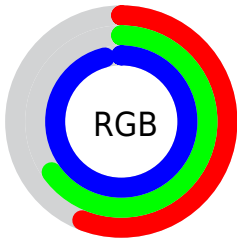
| Format | Color |
|-------------------------------------|---|
| RYB | 142, 162, 246 |
| Decimal | 9349110 |
| CIELab | 69.50, 11.12, -42.16 |
| CIELCh | 69, 43.601, 284.775 |
| Yxy | 40.0420, 0.2386, 0.2296 |
| Android (android.graphics.Color) | 4287539190 (0xFF8EA7F6) |
| YUV | 168.5310, 38.1922, -23.2677 |
| Hunter-Lab | 63.2788, 6.6338, -42.5846 |

Details

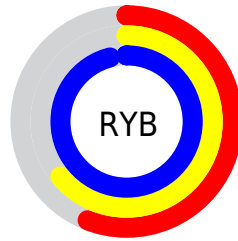
The Hex color **8EA7F6** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F6DD8E**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **C7DEFF**, and **5673BD** is the 20% darker color. If you saturate the color by 10%, you get **7594F6**, and if you desaturate by 10%, it is **A7BAF6**.

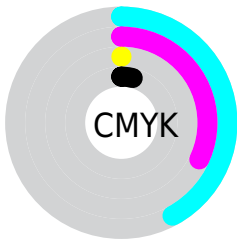
Distribution



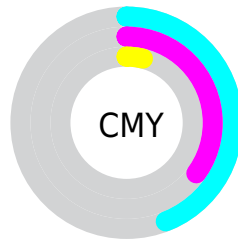
- Red (56%)
- Green (65%)
- Blue (96%)



- Red (56%)
- Yellow (64%)
- Blue (96%)



- Cyan (42%)
- Magenta (32%)
- Yellow (0%)
- Black (4%)



- Cyan (44%)
- Magenta (35%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EA7F6 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 8EA7F6 by changing the saturation by 10% instead.

 8EA7F6

 8EA7F6

FFFFFF

 728DD9

 C7DEFF

 5673BD

 E4FAFF

 395BA2

 154487

 002E6E

 001A55

 00003D

 000326

 000110

■ 8EA7F6

■ 8EA7F6

■ 7594F6

■ A7BAF6

■ 5D82F6

■ BFCCF6

■ 446FF6

■ D8DFF6

■ 2C5CF6

■ F0F2F6

■ 134AF6

■ FFFFF6

■ 003BF6

Harmonies

Analogous

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



3CB4F5



8EA7F6



C698E2

Triad

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



8EA7F6



ED9374



4BBD94

Complementary

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



8EA7F6



F6DD8E

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.



83B770



8EA7F6



D4A05D

Square

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



8EA7F6



F68A98



AFAE5B



00BEBD

Rectangle

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



8EA7F6



E08FCC



AFAE5B



60BC87

Sweetspot

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



8EA7F6



DEE6FF



8EF6DC



6B7080



000000



808080

Same Dimension

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



8EA7F6



7D9CFF



A88EF6



6E717A



002DBA



000E3B

Inverse Universe

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



F68EA7



FF7D9C



DCF68E



7A6E71



BA002D



3B000E

Previews

White Background



This preview shows how the Hex color 8EA7F6 looks on a white background.

Color Contrast Check

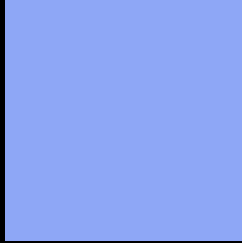
Large Text (above 18pt) WCAG AA × Fail

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 8EA7F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

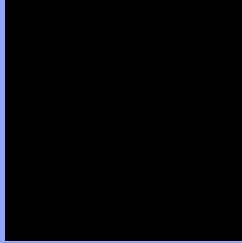
Any Text WCAG AA ✓ Pass

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 8EA7F6 Background



This preview shows how black text looks on a background with the Hex color 8EA7F6.



This preview shows how white text looks on a background with the Hex color 8EA7F6.

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](#).

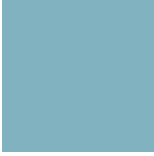
Dichromacy



Original Color
8EA7F6

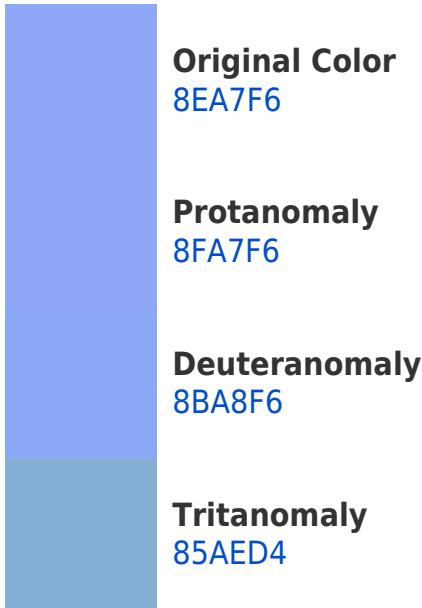
Protanopia
90A7F6

Deuteranopia
8AA8F6

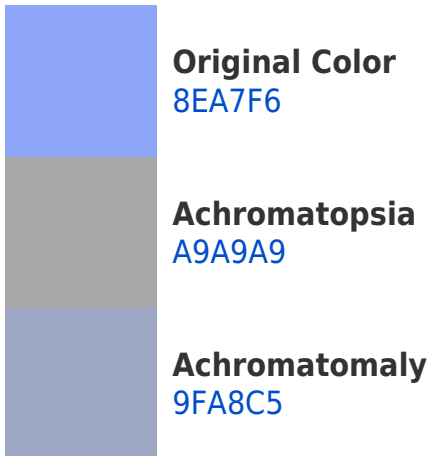


Tritanopia
80B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8EA7F6 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 #8EA7F6 looks like.

```
.text, #text, p{  
    color:#8EA7F6  
}
```

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 #8EA7F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA7F6
}
```

Border

The CSS property to change the border of an element to Hex 8EA7F6 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
#8EA7F6 }
```

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

```
.border{ border-color:#8EA7F6 }
```

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

Here you see how a box with a 4 pixel #8EA7F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA7F6; -webkit-box-shadow:4px 4px  
4px 4px #8EA7F6; box-shadow:4px 4px 4px  
4px #8EA7F6 }
```

Background

The CSS property to change the background color of an element to Hex 8EA7F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA7F6 }
```

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

```
.background{ background-color:#8EA7F6 }
```

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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