

# Converting Colors

Hex(8E9AF8)

Have a look what the booklet for  
Hex(8E9AF8) contains.

<b>Hex(8E9AF8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(8E9AF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E9AF8
RGB	142, 154, 248
RGB Percent	56%, 60%, 97%
CMY	0.4431, 0.3961, 0.0275
CMYK	0.43, 0.38, 0.00, 0.03
HSL	233°, 88%, 76%
HSV	233°, 43%, 97%
XYZ	39.6542, 35.6393, 93.5960
YIQ	161.1280, -37.3260, 26.6900

# Conversions

## Conversions Part 2

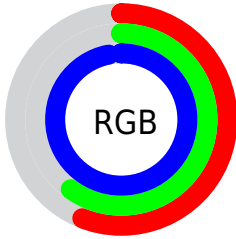
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	142, 153, 248
Decimal	9345784
CIE Lab	66.24, 19.11, -48.37
CIE LCh	66, 52.005, 291.564
Yxy	35.6393, 0.2348, 0.2110
Android (android.graphics.Color)	4287535864 (0xFF8E9AF8)
YUV	161.1280, 42.8279, -16.7753
Hunter-Lab	59.6987, 14.0941, -51.1663

# Details

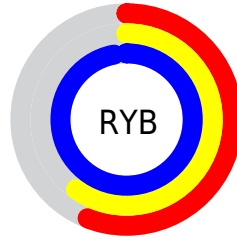
The Hex color **8E9AF8** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F8EC8E**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **C7D0FF**, and **5567BF** is the 20% darker color. If you saturate the color by 10%, you get **7584F8**, and if you desaturate by 10%, it is **A7B0F8**.

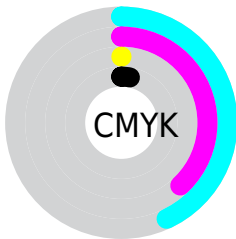
# Distribution



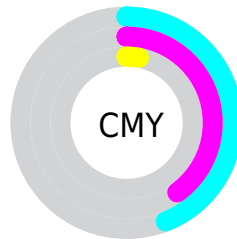
- Red (56%)
- Green (60%)
- Blue (97%)



- Red (56%)
- Yellow (60%)
- Blue (97%)



- Cyan (43%)
- Magenta (38%)
- Yellow (0%)
- Black (3%)



- Cyan (44%)
- Magenta (40%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E9AF8 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 8E9AF8 by changing the saturation by 10% instead.



■ 8E9AF8

■ 8E9AF8

FFFFFF

■ 7280DB

■ C7D0FF

■ 5567BF

■ E5ECFF

■ 374FA4

■ 113989

■ 00246F

■ 001156

■ 00043E

■ 000327

■ 000111

 8E9AF8

 8E9AF8

 7584F8

 A7B0F8

 5C6EF8

 C0C6F8

 4458F8

 D8DCF8

 2B42F8

 F1F2F8

 122CF8

 FFFFF8

 001CF8

# Harmonies

## Analogous

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



00AAFD



8E9AF8



CE87DC

# Triad

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



8E9AF8



E88859



00B892

# Complementary

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



8E9AF8



F8EC8E

# 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.



63B365



8E9AF8



C79A41

# Square

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



8E9AF8



F87B81



9BA946



00B8C2

# Rectangle

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



8E9AF8



E87DC0



9BA946



25B682



# Sweetspot

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



8E9AF8



DEE2FF



8EF8EC



6B6D80



000000



808080



# Same Dimension

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



8E9AF8



7D8CFF



B78EF8



70727D



0015BD



00073D



# Inverse Universe

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



F88E9A



FF7D8C



CFF88E



7D7072



BD0015

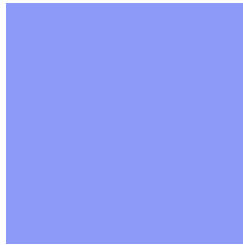


3D0007



# Previews

## White Background



This preview shows how the Hex color 8E9AF8 looks on a white background.

## Color Contrast Check

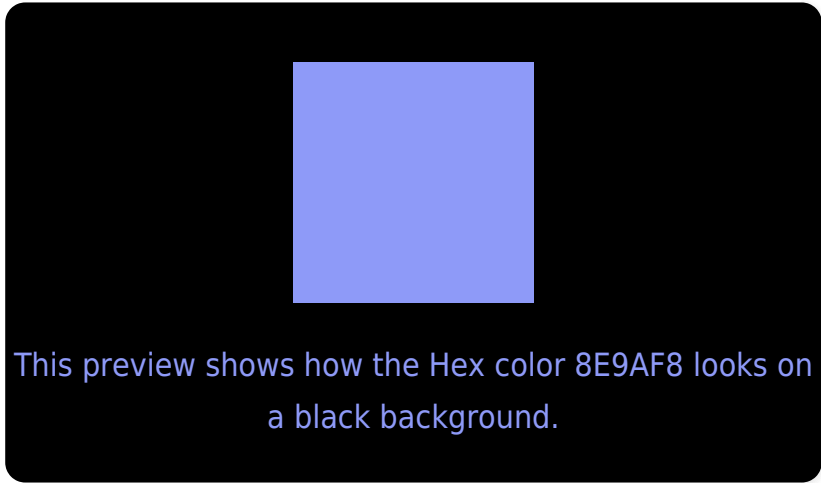
Large Text (above 18pt) WCAG AA × Fail

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 8E9AF8 Background



This preview shows how black text looks on a background with the Hex color 8E9AF8.



This preview shows how white text looks on a background with the Hex color 8E9AF8.

# 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](#).

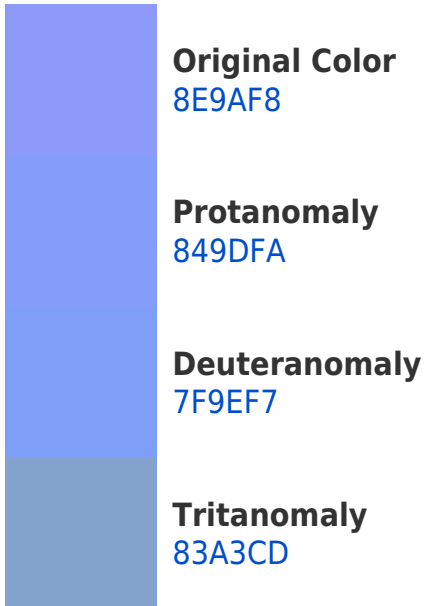
## Dichromacy



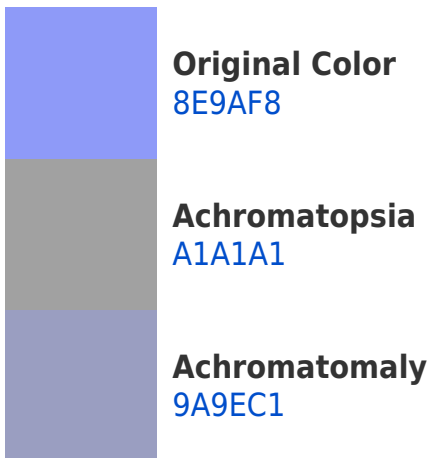


**Tritanopia**  
7DA8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E9AF8 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 #8E9AF8 looks like.

```
.text, #text, p{  
    color:#8E9AF8  
}
```

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 #8E9AF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E9AF8
}
```

## Border

The CSS property to change the border of an element to Hex 8E9AF8 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
#8E9AF8 }
```

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

```
.border{ border-color:#8E9AF8 }
```

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

Here you see how a box with a 4 pixel #8E9AF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E9AF8; -webkit-box-shadow:4px 4px  
4px 4px #8E9AF8; box-shadow:4px 4px 4px  
4px #8E9AF8 }
```

# Background

The CSS property to change the background color of an element to Hex 8E9AF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E9AF8 }
```

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

```
.background{ background-color:#8E9AF8 }
```

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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