

# Converting Colors

Hex(879EEF)

Have a look what the booklet for  
Hex(879EEF) contains.

<b>Hex(879EEF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(879EEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	879EEF
RGB	135, 158, 239
RGB Percent	53%, 62%, 94%
CMY	0.4706, 0.3804, 0.0627
CMYK	0.44, 0.34, 0.00, 0.06
HSL	227°, 76%, 73%
HSV	227°, 44%, 94%
XYZ	37.7985, 35.8366, 86.5863
YIQ	160.3570, -39.7090, 20.3150

# Conversions

## Conversions Part 2

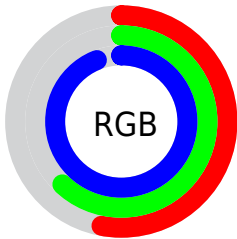
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 154, 239</a>
Decimal	<a href="#">8888047</a>
CIELab	<a href="#">66.39, 12.54, -43.23</a>
CIELCh	<a href="#">66, 45.015, 286.175</a>
Yxy	<a href="#">35.8366, 0.2359, 0.2237</a>
Android (android.graphics.Color)	<a href="#">4287078127</a> ( <a href="#">0xFF879EEF</a> )
YUV	<a href="#">160.3570, 38.7710, -22.2381</a>
Hunter-Lab	<a href="#">59.8637, 7.9452, -43.8520</a>

# Details

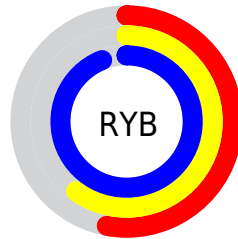
The Hex color **879EEF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EFD887**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **C0D4FF**, and **4F6BB7** is the 20% darker color. If you saturate the color by 10%, you get **6F8BEF**, and if you desaturate by 10%, it is **9FB1EF**.

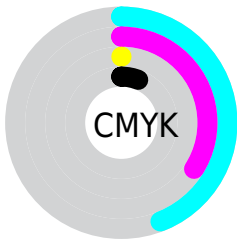
# Distribution



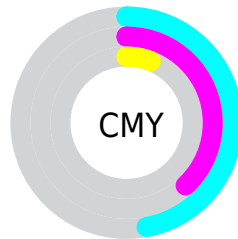
- Red (53%)
- Green (62%)
- Blue (94%)



- Red (53%)
- Yellow (60%)
- Blue (94%)



- Cyan (44%)
- Magenta (34%)
- Yellow (0%)
- Black (6%)



- Cyan (47%)
- Magenta (38%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 879EEF 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 879EEF by changing the saturation by 10% instead.



 879EEF

 879EEF

FFFFFF

 6B84D2

 C0D4FF

 4F6BB7

 DDF1FF

 31539B

 FBFFFF

 053C81

 002767

 00144F

 000537

 000221

 000006

■ 879EEF

■ 879EEF

■ 6F8BEF

■ 9FB1EF

■ 5779EF

■ B7C3EF

■ 3F66EF

■ CFD6EF

■ 2754EF

■ E7E8EF

■ 1041EF

■ FEFBEF

■ 0035EF

■ FFFFEF

# Harmonies

## Analogous

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



27ABEF



879EEF



C18EDA

# Triad

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



879EEF



E58A69



38B58D

# Complementary

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



879EEF



EFD887

# 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.



77B068



879EEF



CA9952

# Square

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



879EEF



EF818D



A5A651



00B6B7

# Rectangle

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



879EEF



DA86C3



A5A651



51B47F



# Sweetspot

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



879EEF



DEE5FF



87EFD7



6B7080



000000



808080



# Same Dimension

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



879EEF



7A98FF



A387EF



6C6F78



0029B8



000C38



# Inverse Universe

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



EF879E



FF7A98



D3EF87



786C6F



B80029



38000C



# Previews

## White Background



This preview shows how the Hex color 879EEF looks on a white background.

## Color Contrast Check

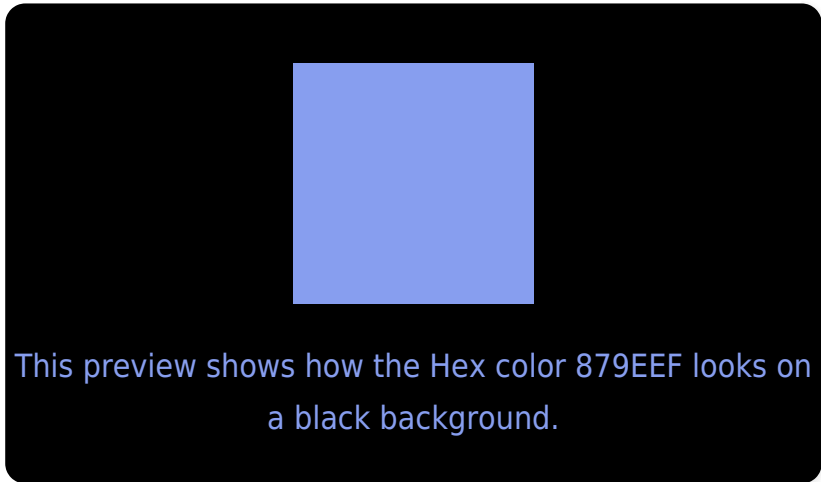
Large Text (above 18pt) WCAG AA × Fail

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

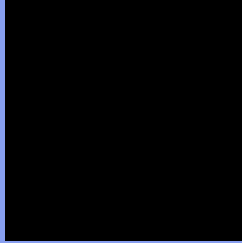
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 879EEF Background



This preview shows how black text looks on a background with the Hex color 879EEF.



This preview shows how white text looks on a background with the Hex color 879EEF.

# 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**  
879EEF

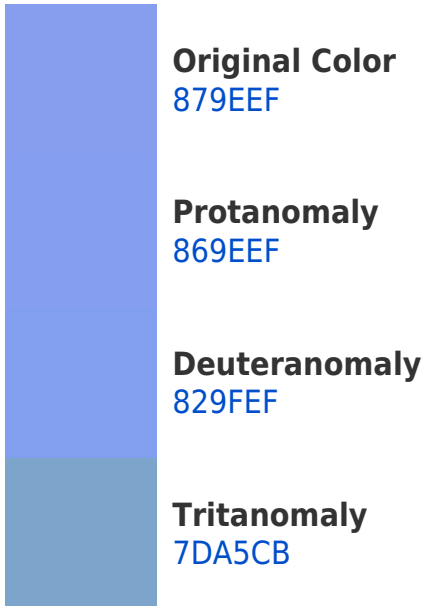
**Protanopia**  
869EEF

**Deuteranopia**  
7FA0EF

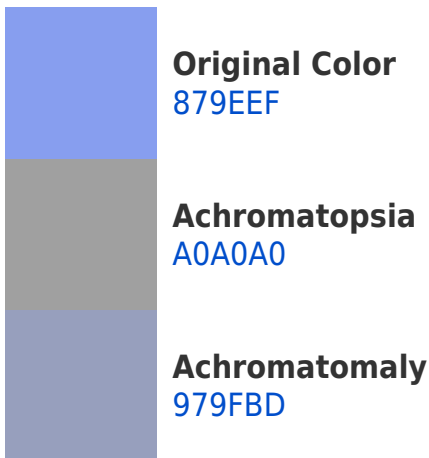


**Tritanopia**  
78A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 879EEF 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 #879EEF looks like.

```
.text, #text, p{  
    color:#879EEF  
}
```

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 #879EEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #879EEF
}
```

## Border

The CSS property to change the border of an element to Hex 879EEF 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
#879EEF }
```

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

```
.border{ border-color:#879EEF }
```

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

Here you see how a box with a 4 pixel #879EEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #879EEF; -webkit-box-shadow:4px 4px  
4px 4px #879EEF; box-shadow:4px 4px 4px  
4px #879EEF }
```

# Background

The CSS property to change the background color of an element to Hex 879EEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#879EEF }
```

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

```
.background{ background-color:#879EEF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor