

# Converting Colors

Hex(879EE4)

Have a look what the booklet for  
Hex(879EE4) contains.

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# **Color**

**Hex(879EE4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	879EE4
RGB	135, 158, 228
RGB Percent	53%, 62%, 89%
CMY	0.4706, 0.3804, 0.1059
CMYK	0.41, 0.31, 0.00, 0.11
HSL	225°, 63%, 71%
HSV	225°, 41%, 89%
XYZ	36.2221, 35.2061, 78.2851
YIQ	159.1030, -36.1780, 16.8940

# Conversions

## Conversions Part 2

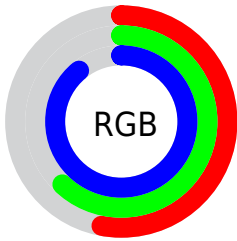
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 153, 228</a>
Decimal	<a href="#">8888036</a>
CIELab	<a href="#">65.91, 9.45, -37.95</a>
CIELCh	<a href="#">66, 39.109, 283.984</a>
Yxy	<a href="#">35.2061, 0.2419, 0.2352</a>
Android (android.graphics.Color)	<a href="#">4287078116 (0xFF879EE4)</a>
YUV	<a href="#">159.1030, 33.9662, -21.1383</a>
Hunter-Lab	<a href="#">59.3347, 5.1334, -36.6919</a>

# Details

The Hex color **879EE4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E4CD87**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BFD4FF**, and **506BAC** is the 20% darker color. If you saturate the color by 10%, you get **708DE4**, and if you desaturate by 10%, it is **9EAFE4**.

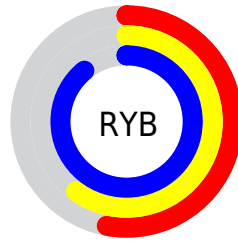
# Distribution



Red (53%)

Green (62%)

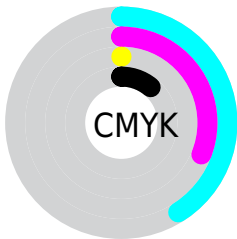
Blue (89%)



Red (53%)

Yellow (60%)

Blue (89%)

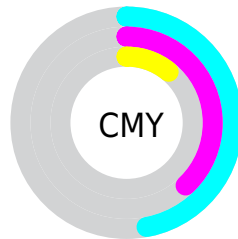


Cyan (41%)

Magenta (31%)

Yellow (0%)

Black (11%)



Cyan (47%)

Magenta (38%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 879EE4 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 879EE4 by changing the saturation by 10% instead.



879EE4

879EE4

FFFFFF

6C84C8

BFD4FF

506BAC

DCF1FF

345391

F9FFFF

123C77

00275E

001346

00042F

00011A

000000

879EE4

879EE4

708DE4

9EAFE4

597CE4

B5C0E4

436BE4

CBD1E4

2C59E4

E2E3E4

1548E4

F9F4E4

0038E4

FFFFE4

# Harmonies

## Analogous

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



45A9E3



879EE4



B991D3

# Triad

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



879EE4



DD8C71



51B18C

# Complementary

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



879EE4



E4CD87

# 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.



7FAC6C



879EE4



C7985D

# Square

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



879EE4



E48591



A6A35B



00B3B0

# Rectangle

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



879EE4



D089C0



A6A35B



62B080



# Sweetspot

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



879EE4



E0E8FF



87E4CD



6E7280



000000



808080



# Same Dimension

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



879EE4



82A1FF



9E87E4



676A73



002CB3



000D33



# Inverse Universe

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



E4879E



FF82A1



CDE487



73676A



B3002C

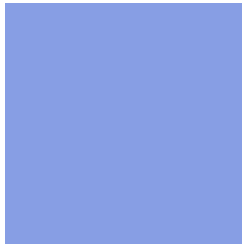


33000D



# Previews

## White Background



This preview shows how the Hex color 879EE4 looks on a white background.

## Color Contrast Check

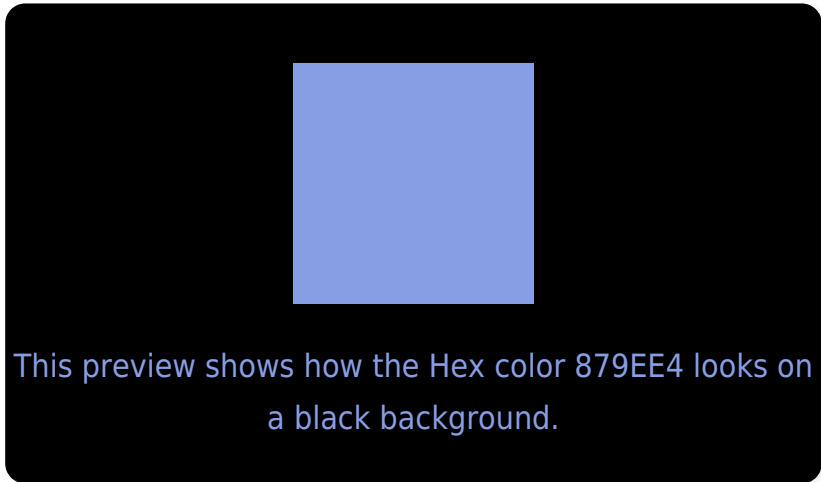
Large Text (above 18pt) WCAG AA × Fail

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

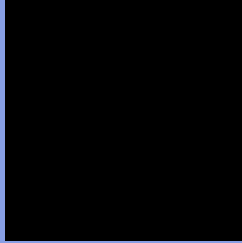
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 879EE4 Background



This preview shows how black text looks on a background with the Hex color 879EE4.



This preview shows how white text looks on a background with the Hex color 879EE4.

# 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**

879EE4

**Protanopia**

8A9DE4

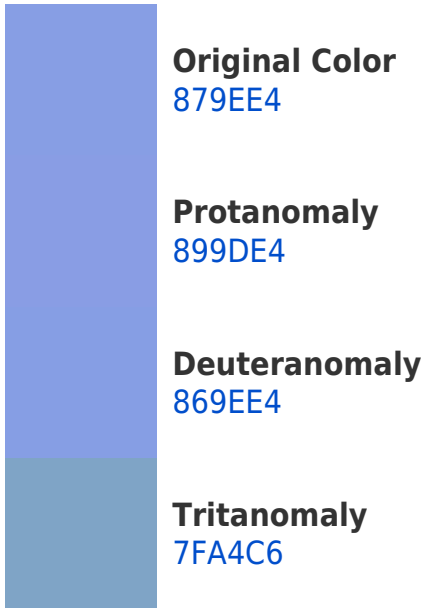
**Deuteranopia**

869EE4

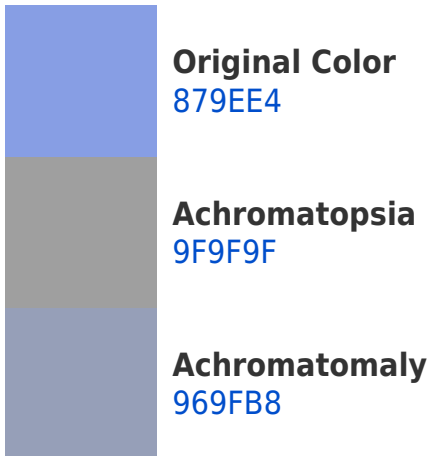


**Tritanopia**  
7BA7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 879EE4 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 #879EE4 looks like.

```
.text, #text, p{  
    color:#879EE4  
}
```

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 #879EE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #879EE4
}
```

## Border

The CSS property to change the border of an element to Hex 879EE4 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
#879EE4 }
```

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

```
.border{ border-color:#879EE4 }
```

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

Here you see how a box with a 4 pixel #879EE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #879EE4; -webkit-box-shadow:4px 4px  
4px 4px #879EE4; box-shadow:4px 4px 4px  
4px #879EE4 }
```

# Background

The CSS property to change the background color of an element to Hex 879EE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#879EE4 }
```

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

```
.background{ background-color:#879EE4 }
```

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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