

# Converting Colors

Hex(879CFA)

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

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# Color

**Hex(879CFA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	879CFA
RGB	135, 156, 250
RGB Percent	53%, 61%, 98%
CMY	0.4706, 0.3882, 0.0196
CMYK	0.46, 0.38, 0.00, 0.02
HSL	229°, 92%, 75%
HSV	229°, 46%, 98%
XYZ	39.1355, 35.8300, 95.2957
YIQ	160.4370, -42.6900, 24.7820

# Conversions

## Conversions Part 2

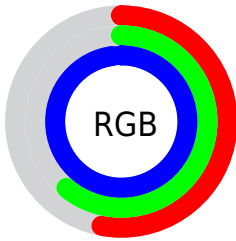
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 153, 250</a>
Decimal	<a href="#">8887546</a>
CIELab	<a href="#">66.39, 16.85, -49.26</a>
CIELCh	<a href="#">66, 52.058, 288.882</a>
Yxy	<a href="#">35.8300, 0.2299, 0.2104</a>
Android (android.graphics.Color)	<a href="#">4287077626 (0xFF879CFA)</a>
YUV	<a href="#">160.4370, 44.1546, -22.3082</a>
Hunter-Lab	<a href="#">59.8581, 11.9522, -52.4905</a>

# Details

The Hex color **879CFA** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FAE587**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **C1D2FF**, and **4D69C1** is the 20% darker color. If you saturate the color by 10%, you get **6E88FA**, and if you desaturate by 10%, it is **A0B0FA**.

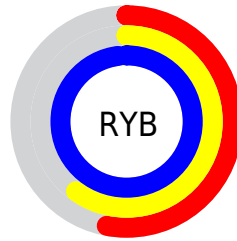
# Distribution



Red (53%)

Green (61%)

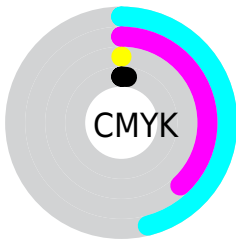
Blue (98%)



Red (53%)

Yellow (60%)

Blue (98%)

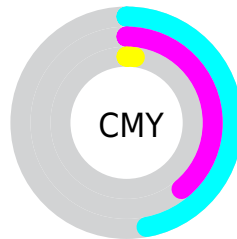


Cyan (46%)

Magenta (38%)

Yellow (0%)

Black (2%)



Cyan (47%)

Magenta (39%)

Yellow (2%)

# Brightness & Saturation Gradients

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



 879CFA

 879CFA

FFFFFF

 6A82DD

 C1D2FF

 4D69C1

 DEEFFF

 2D51A5

 FCFFFF

 003B8B

 002671

 001358

 000640

 000329

 000113

■ 879CFA

■ 879CFA

■ 6E88FA

■ A0B0FA

■ 5573FA

■ B9C5FA

■ 3C5FFA

■ D2D9FA

■ 234AFA

■ EBEEFA

■ 0A36FA

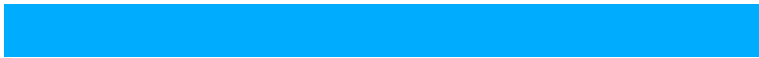
■ FFFFFA

■ 002EFA

# Harmonies

## Analogous

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



00ACFD



879CFA



CA89DF

# Triad

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



879CFA



EB875D



00B88E

# Complementary

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



879CFA



FAE587

# 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.



69B261



879CFA



CB9943

# Square

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



879CFA



F97A86



9FA844



00B9BE

# Rectangle

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



879CFA



E67FC4



9FA844



32B67E



# Sweetspot

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



879CFA



DBE2FF



87FAE5



6A6E80



000000



808080



# Same Dimension

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



879CFA



738CFF



AB87FA



70737D



0022BD



000B3D



# Inverse Universe

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



FA879C



FF738C



D6FA87



7D7073



BD0022

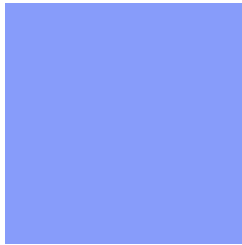


3D000B



# Previews

## White Background



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

## Color Contrast Check

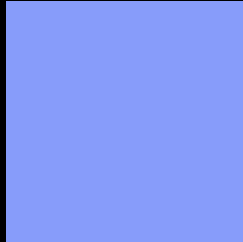
Large Text (above 18pt) WCAG AA × Fail

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 879CFA 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 879CFA Background



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



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

# 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**  
879CFA

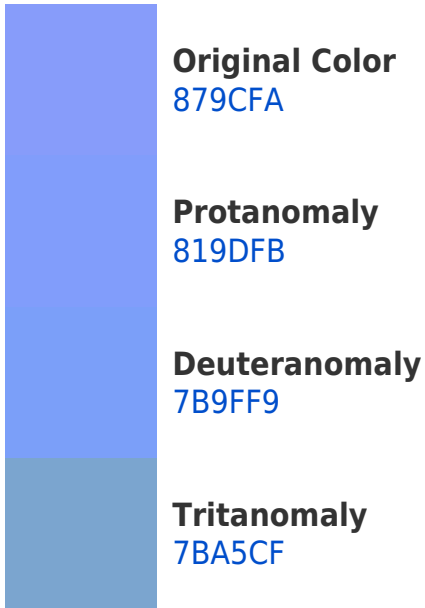
**Protanopia**  
7E9EFC

**Deuteranopia**  
74A1F9

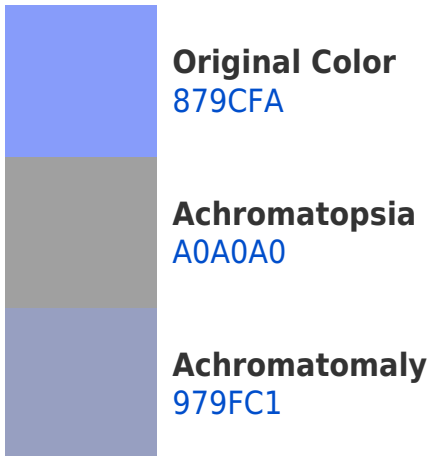


**Tritanopia**  
74AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #879CFA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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