

# Converting Colors

Hex(875EE2)

Have a look what the booklet for  
Hex(875EE2) contains.

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# Color

Hex(875EE2)

# Conversions

## Conversions Part 1

Format	Color
Hex	875EE2
RGB	135, 94, 226
RGB Percent	53%, 37%, 89%
CMY	0.4706, 0.6314, 0.1137
CMYK	0.40, 0.58, 0.00, 0.11
HSL	259°, 69%, 63%
HSV	259°, 58%, 89%
XYZ	27.7218, 18.6473, 74.0897
YIQ	121.3070, -17.9360, 49.7440

# Conversions

## Conversions Part 2

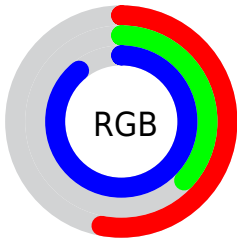
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 94, 226
Decimal	8871650
CIE <sub>Lab</sub>	50.27, 45.93, -61.65
CIE <sub>LCh</sub>	50, 76.880, 306.688
Yxy	18.6473, 0.2301, 0.1548
Android (android.graphics.Color)	4287061730 (0xFF875EE2)
YUV	121.3070, 51.6136, 12.0088
Hunter-Lab	43.1825, 39.0221, -71.4981

# Details

The Hex color **875EE2** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **B9E25E**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **C192FF**, and **4D2DAA** is the 20% darker color. If you saturate the color by 10%, you get **7747E2**, and if you desaturate by 10%, it is **9775E2**.

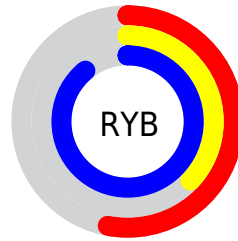
# Distribution



Red (53%)

Green (37%)

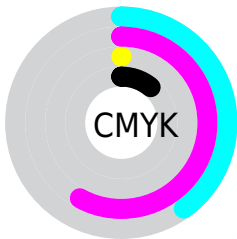
Blue (89%)



Red (53%)

Yellow (37%)

Blue (89%)

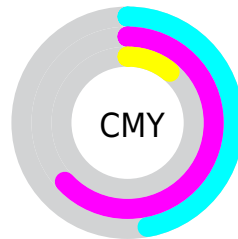


Cyan (40%)

Magenta (58%)

Yellow (0%)

Black (11%)



Cyan (47%)

Magenta (63%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 875EE2 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 875EE2 by changing the saturation by 10% instead.



 875EE2

 875EE2

FFFFFF

 6A45C6

 C192FF

 4D2DAA

 DEADFF

 2E148F

 FCC9FF

 000074

 FFE5FF

 00005B

 000442

 00032B

 000115

 000000

875EE2

875EE2

7747E2

9775E2

6831E2

A68BE2

581AE2

B6A2E2

4904E2

C5B8E2

4600E2

D5CFE2

E4E6E2

F4FCE2

FFFFE2

# Harmonies

## Analogous

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



007CFC



875EE2



CF34AD

# Triad

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



875EE2



B96000



009385

# Complementary

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



875EE2



B9E25E

# 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.



009040



875EE2



847A00

# Square

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



875EE2



DD3A2C



3A8900



0093C5

# Rectangle

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



875EE2



E41782



3A8900



00936E



# Sweetspot

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



875EE2



DFD1FF



5EBAE2



6C6380



000000



808080



# Same Dimension

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



875EE2



844DFF



C85EE2



686570



3700B0



0F0030



# Inverse Universe

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



E25EB9



FF4DC8



78E25E



70656D



B00079

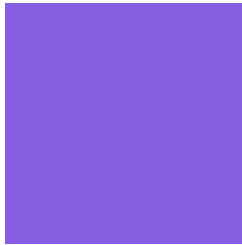


300021



# Previews

## White Background



This preview shows how the Hex color 875EE2 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 875EE2 Background



This preview shows how black text looks on a background with the Hex color 875EE2.

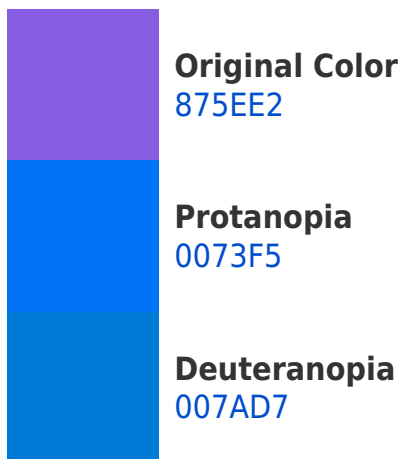


This preview shows how white text looks on a background with the Hex color 875EE2.

# 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](#).

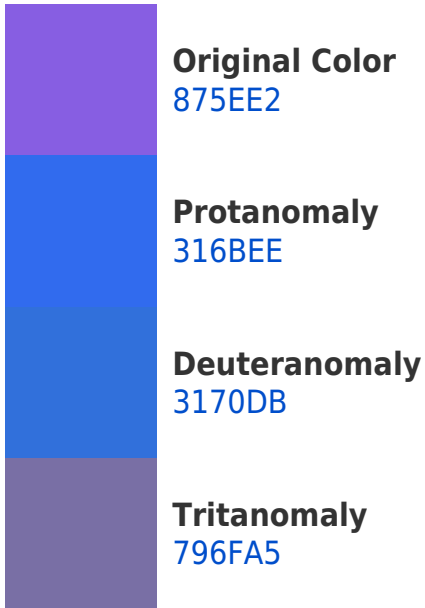
## Dichromacy



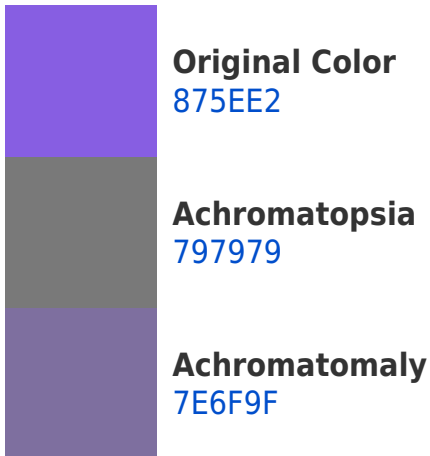


**Tritanopia**  
717882

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 875EE2 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 #875EE2 looks like.

```
.text, #text, p{  
    color:#875EE2  
}
```

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 #875EE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #875EE2
}
```

## Border

The CSS property to change the border of an element to Hex 875EE2 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
#875EE2 }
```

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

```
.border{ border-color:#875EE2 }
```

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

Here you see how a box with a 4 pixel #875EE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #875EE2; -webkit-box-shadow:4px 4px  
4px 4px #875EE2; box-shadow:4px 4px 4px  
4px #875EE2 }
```

# Background

The CSS property to change the background color of an element to Hex 875EE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#875EE2 }
```

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

```
.background{ background-color:#875EE2 }
```

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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