

# Converting Colors

Hex(867EE8)

Have a look what the booklet for  
Hex(867EE8) contains.

|  |    |
|--|----|
| <b>Hex(867EE8)</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(867EE8)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 867EE8                      |
| RGB         | 134, 126, 232               |
| RGB Percent | 53%, 49%, 91%               |
| CMY         | 0.4745, 0.5059, 0.0902      |
| CMYK        | 0.42, 0.46, 0.00, 0.09      |
| HSL         | 245°, 70%, 70%              |
| HSV         | 245°, 46%, 91%              |
| XYZ         | 31.8579, 25.8162, 79.6479   |
| YIQ         | 140.4760, -29.2580, 34.6620 |

# Conversions

## Conversions Part 2

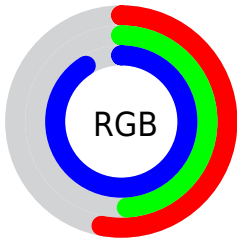
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">134, 126, 232</a>                  |
| Decimal                             | <a href="#">8814312</a>                        |
| CIELab                              | <a href="#">57.86, 28.95, -52.86</a>           |
| CIELCh                              | <a href="#">58, 60.265, 298.708</a>            |
| Yxy                                 | <a href="#">25.8162, 0.2320,<br/>0.1880</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4287004392<br/>(0xFF867EE8)</a>    |
| YUV                                 | <a href="#">140.4760, 45.1213,<br/>-5.6795</a> |
| Hunter-Lab                          | <a href="#">50.8097, 23.0032,<br/>-57.3746</a> |

# Details

The Hex color **867EE8** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E0E87E**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **BFB3FF**, and **4D4DB0** is the 20% darker color. If you saturate the color by 10%, you get **7167E8**, and if you desaturate by 10%, it is **9B95E8**.

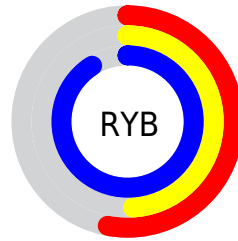
# Distribution



Red (53%)

Green (49%)

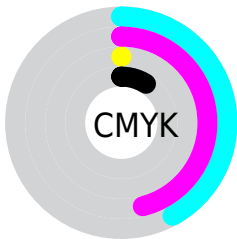
Blue (91%)



Red (53%)

Yellow (49%)

Blue (91%)

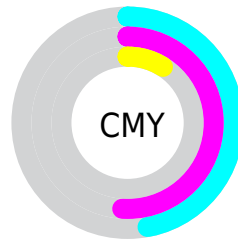


Cyan (42%)

Magenta (46%)

Yellow (0%)

Black (9%)



Cyan (47%)

Magenta (51%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 867EE8 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 867EE8 by changing the saturation by 10% instead.



 867EE8

FFFFFF

 BFB3FF

 DCCEFF

 FAEBFF

 867EE8

 6A65CB

 4D4DB0

 2F3695

 01217A


 000D61

 000048

 000431

 00011B

 000000

 867EE8

 867EE8

 7167E8

 9B95E8

 5B50E8

 B1ACE8

 4638E8

 C6C4E8

 3021E8

 DCDBE8

 1B0AE8

 F1F2E8

 1200E8

 FFFFE8

# Harmonies

## Analogous

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



0092F5



867EE8



C866C3

# Triad

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



867EE8



CF732F



00A487

# Complementary

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



867EE8



E0E87E

# 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.



1CA051



867EE8



A7880F

# Square

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



867EE8



E75E5C



739723



00A3BC

# Rectangle

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



867EE8



E05AA1



739723



00A375



# Sweetspot

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



867EE8



DEDBFF



7EE1E8



6B6A80



000000



808080



# Same Dimension

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



867EE8



7D73FF



BA7EE8



686773



0D00B3



040033



# Inverse Universe

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



E87EE0



FF73F4



ACE87E



736772



B300A5

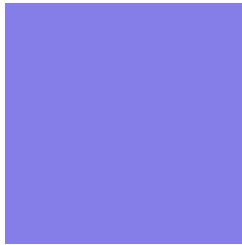


33002F



# Previews

## White Background



This preview shows how the Hex color 867EE8 looks on a white background.

## Color Contrast Check

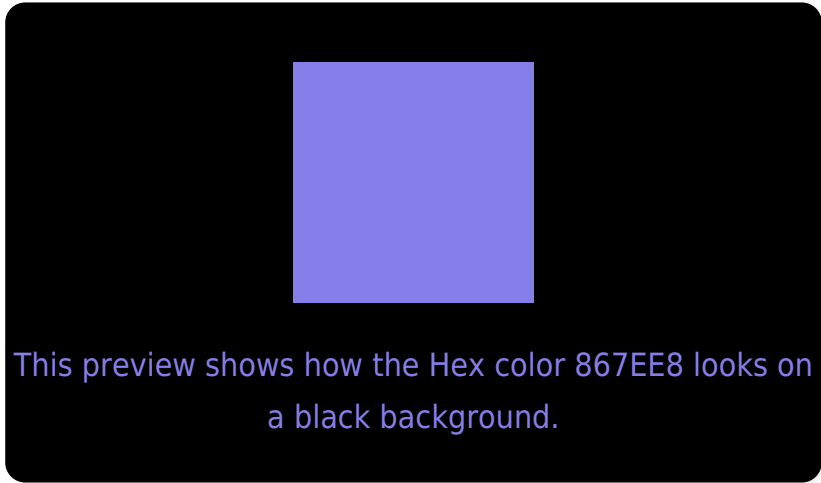
Large Text (above 18pt) WCAG AA ✓ Pass

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 867EE8 Background



This preview shows how black text looks on a background with the Hex color 867EE8.

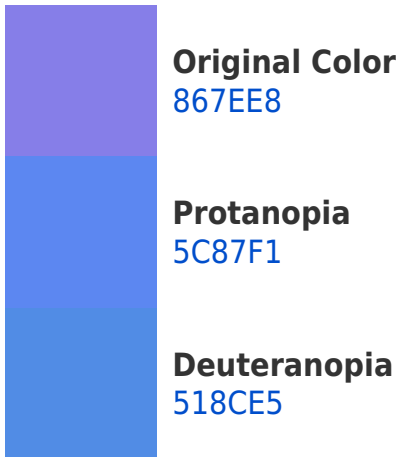


This preview shows how white text looks on a background with the Hex color 867EE8.

# 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**  
73909B

# Trichromacy



**Original Color**  
867EE8

**Protanomaly**  
6B84EE

**Deuteranomaly**  
6487E6

**Tritanomaly**  
7A89B7

# Monochromacy



**Original Color**  
867EE8

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
8A87AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 867EE8 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 #867EE8 looks like.

```
.text, #text, p{  
    color:#867EE8  
}
```

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 #867EE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #867EE8
}
```

## Border

The CSS property to change the border of an element to Hex 867EE8 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
#867EE8 }
```

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

```
.border{ border-color:#867EE8 }
```

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

Here you see how a box with a 4 pixel #867EE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #867EE8; -webkit-box-shadow:4px 4px  
4px 4px #867EE8; box-shadow:4px 4px 4px  
4px #867EE8 }
```

# Background

The CSS property to change the background color of an element to Hex 867EE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#867EE8 }
```

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

```
.background{ background-color:#867EE8 }
```

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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