

# Converting Colors

Hex(8D78EE)

Have a look what the booklet for  
Hex(8D78EE) contains.

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# Color

Hex(8D78EE)

# Conversions

## Conversions Part 1

Format	Color
Hex	8D78EE
RGB	141, 120, 238
RGB Percent	55%, 47%, 93%
CMY	0.4471, 0.5294, 0.0667
CMYK	0.41, 0.50, 0.00, 0.07
HSL	251°, 78%, 70%
HSV	251°, 50%, 93%
XYZ	33.1336, 25.2687, 84.0199
YIQ	139.7310, -25.3620, 41.1500

# Conversions

## Conversions Part 2

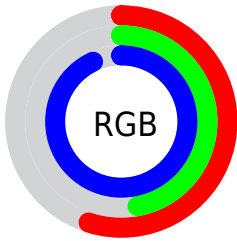
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 120, 238
Decimal	9271534
CIE <sub>Lab</sub>	57.34, 35.79, -57.00
CIE <sub>LCh</sub>	57, 67.307, 302.124
Yxy	25.2687, 0.2326, 0.1774
Android (android.graphics.Color)	4287461614 (0xFF8D78EE)
YUV	139.7310, 48.4466, 1.1129
Hunter-Lab	50.2680, 29.6873, -63.9121

# Details

The Hex color **8D78EE** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **D9EE78**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **C7ADFF**, and **5447B5** is the 20% darker color. If you saturate the color by 10%, you get **7960EE**, and if you desaturate by 10%, it is **A190EE**.

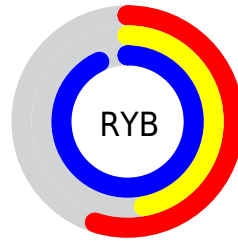
# Distribution



Red (55%)

Green (47%)

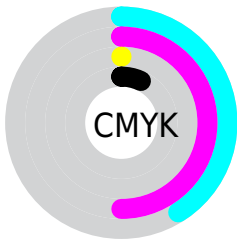
Blue (93%)



Red (55%)

Yellow (47%)

Blue (93%)

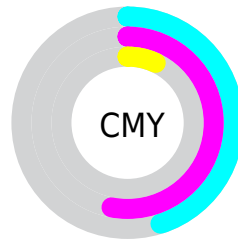


Cyan (41%)

Magenta (50%)

Yellow (0%)

Black (7%)



Cyan (45%)

Magenta (53%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D78EE 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 8D78EE by changing the saturation by 10% instead.



 8D78EE

 8D78EE

FFFFFF

 715FD1

 C7ADFF

 5447B5

 E4C8FF

 36309A

 FFE4FF

 0D1A7F

 000666

 00004D

 000535

 00021F

 000002

■ 8D78EE

■ 8D78EE

■ 7960EE

■ A190EE

■ 6648EE

■ B4A8EE

■ 5231EE

■ C8BFEE

■ 3F19EE

■ DBD7EE

■ 2B01EE

■ EFEFEE

■ 2A00EE

■ FFFFEE

# Harmonies

## Analogous

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



0090FF



8D78EE



D35CC2

# Triad

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



8D78EE



CF7118



00A48C

# Complementary

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



8D78EE



D9EE78

# 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.



00A14F



8D78EE



A18800

# Square

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



8D78EE



EC574F



669812



00A4C7

# Rectangle

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



8D78EE



EA4D9C



669812



00A478



# Sweetspot

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



8D78EE



E0D9FF



78DAEE



6D6980



000000



808080



# Same Dimension

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



8D78EE



8369FF



C778EE



6E6C78



2100B8



0A0038



# Inverse Universe

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



EE78D9



FF69E4



9FEE78



786C76



B80097



38002E



# Previews

## White Background



This preview shows how the Hex color 8D78EE looks on a white background.

## Color Contrast Check

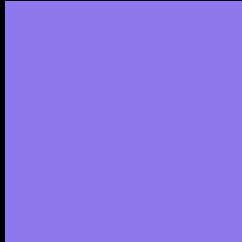
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 8D78EE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

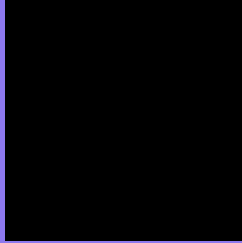
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8D78EE Background



This preview shows how black text looks on a background with the Hex color 8D78EE.

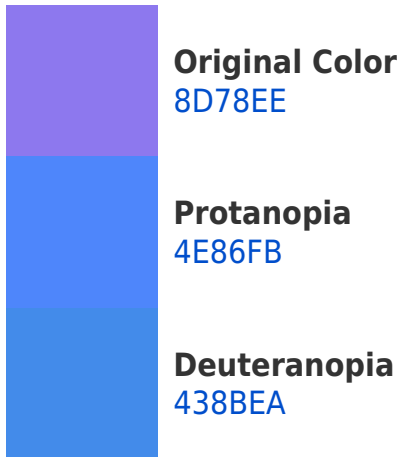


This preview shows how white text looks on a background with the Hex color 8D78EE.

# 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](#).

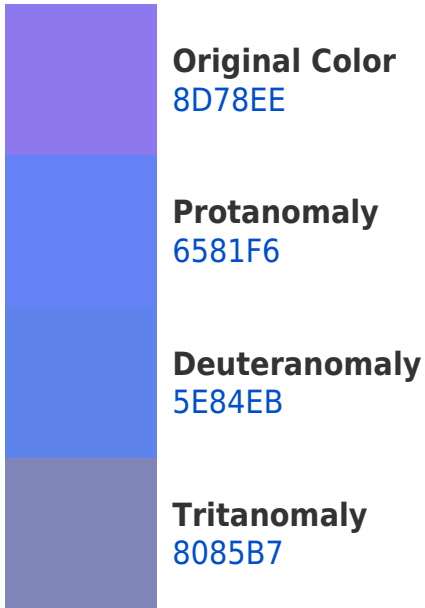
## Dichromacy



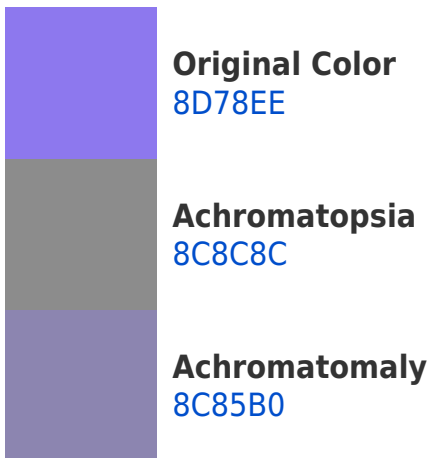


**Tritanopia**  
788D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D78EE 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 #8D78EE looks like.

```
.text, #text, p{  
    color:#8D78EE  
}
```

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 #8D78EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D78EE
}
```

## Border

The CSS property to change the border of an element to Hex 8D78EE 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
#8D78EE }
```

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

```
.border{ border-color:#8D78EE }
```

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

Here you see how a box with a 4 pixel #8D78EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D78EE; -webkit-box-shadow:4px 4px  
4px 4px #8D78EE; box-shadow:4px 4px 4px  
4px #8D78EE }
```

# Background

The CSS property to change the background color of an element to Hex 8D78EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D78EE }
```

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

```
.background{ background-color:#8D78EE }
```

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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