

# Converting Colors

Hex(8E74CA)

Have a look what the booklet for  
Hex(8E74CA) contains.

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# Color

**Hex(8E74CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E74CA
RGB	142, 116, 202
RGB Percent	56%, 45%, 79%
CMY	0.4431, 0.5451, 0.2078
CMYK	0.30, 0.43, 0.00, 0.21
HSL	258°, 45%, 62%
HSV	258°, 43%, 79%
XYZ	28.0614, 22.5058, 58.7422
YIQ	133.5780, -12.1100, 32.2580

# Conversions

## Conversions Part 2

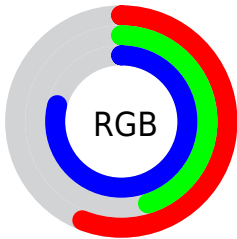
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 116, 202
Decimal	9336010
CIE <sub>Lab</sub>	54.56, 28.80, -41.16
CIE <sub>LCh</sub>	55, 50.235, 304.980
Yxy	22.5058, 0.2567, 0.2059
Android (android.graphics.Color)	4287526090 (0xFF8E74CA)
YUV	133.5780, 33.7320, 7.3861
Hunter-Lab	47.4403, 22.5639, -40.2066

# Details

The Hex color **8E74CA** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B0CA74**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **C6A8FF**, and **594393** is the 20% darker color. If you saturate the color by 10%, you get **8060CA**, and if you desaturate by 10%, it is **9C88CA**.

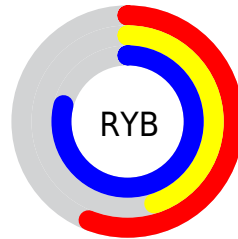
# Distribution



Red (56%)

Green (45%)

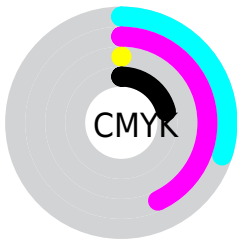
Blue (79%)



Red (56%)

Yellow (45%)

Blue (79%)

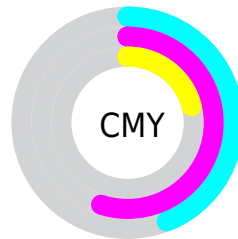


Cyan (30%)

Magenta (43%)

Yellow (0%)

Black (21%)



Cyan (44%)

Magenta (55%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E74CA 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 8E74CA by changing the saturation by 10% instead.



8E74CA

8E74CA

FFFFFF

735BAE

C6A8FF

594393

E2C4FF

3F2D79

FFE0FF

241760

FFFCFF

050048

000031

00011B

000000

8E74CA

8E74CA

8060CA

9C88CA

724CCA

AA9CCA

6437CA

B8B1CA

5623CA

C6C5CA

480FCA

D4D9CA

3D00CA

E3EDCA

F1FFCA

FFFFCA

# Harmonies

## Analogous

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



3485D9



8E74CA



BD63A8

# Triad

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



8E74CA



B77332



009889

# Complementary

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



8E74CA



B0CA74

# 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.



1C955C



8E74CA



938325

# Square

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



8E74CA



CE6253



668E37



0097B3

# Rectangle

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



8E74CA



CD5C8C



668E37



00977A



# Sweetspot

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



8E74CA



E8DEFF



74B0CA



716B80



000000



808080



# Same Dimension

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



8E74CA



A47DFF



B974CA



5F5C66



3200A6



0C0026



# Inverse Universe

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



CA74B0



FF7DD8



85CA74



665C63



A60074

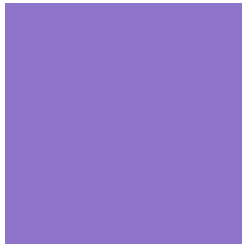


26001B



# Previews

## White Background



This preview shows how the Hex color 8E74CA 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 8E74CA Background



This preview shows how black text looks on a background with the Hex color 8E74CA.

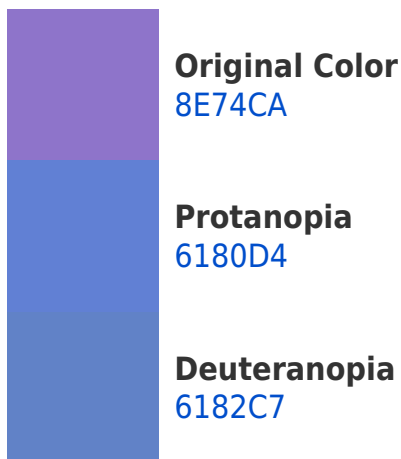



This preview shows how white text looks on a background with the Hex color 8E74CA.

# 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](#).

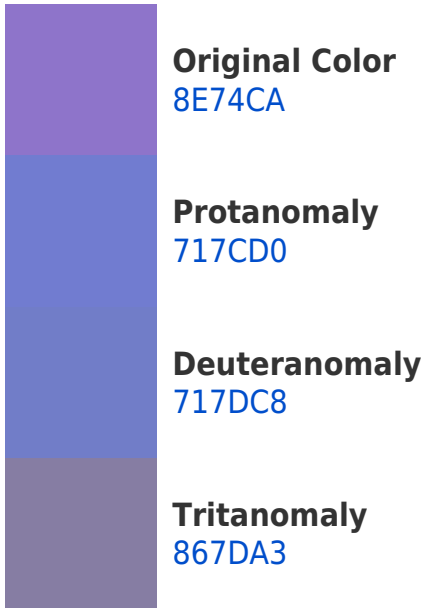
## Dichromacy



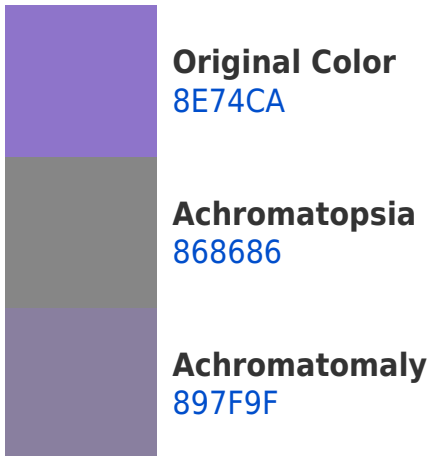


**Tritanopia**  
82828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E74CA 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 #8E74CA looks like.

```
.text, #text, p{  
    color:#8E74CA  
}
```

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 #8E74CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E74CA
}
```

## Border

The CSS property to change the border of an element to Hex 8E74CA is called "border". The border property can be set on classes, ids or directly on the HTML element.

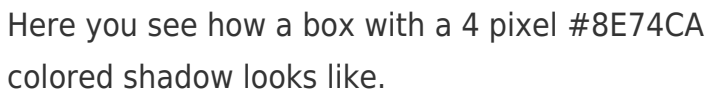
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E74CA }
```

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

```
.border{ border-color:#8E74CA }
```

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



Here you see how a box with a 4 pixel #8E74CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E74CA; -webkit-box-shadow:4px 4px  
4px 4px #8E74CA; box-shadow:4px 4px 4px  
4px #8E74CA }
```

# Background

The CSS property to change the background color of an element to Hex 8E74CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E74CA }
```

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

```
.background{ background-color:#8E74CA }
```

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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