

# Converting Colors

Hex(8E68CF)

Have a look what the booklet for  
Hex(8E68CF) contains.

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# Color

**Hex(8E68CF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E68CF
RGB	142, 104, 207
RGB Percent	56%, 41%, 81%
CMY	0.4431, 0.5922, 0.1882
CMYK	0.31, 0.50, 0.00, 0.19
HSL	262°, 52%, 61%
HSV	262°, 50%, 81%
XYZ	27.3681, 20.1564, 61.4796
YIQ	127.1040, -10.4150, 40.0890

# Conversions

## Conversions Part 2

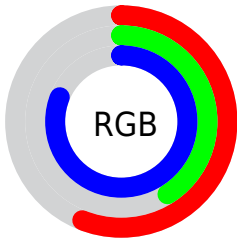
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	142, 104, 207
Decimal	9332943
CIE <sub>Lab</sub>	52.01, 37.01, -48.04
CIE <sub>LCh</sub>	52, 60.643, 307.610
Y <sub>xy</sub>	20.1564, 0.2511, 0.1849
Android (android.graphics.Color)	4287523023 (0xFF8E68CF)
YUV	127.1040, 39.3887, 13.0638
Hunter-Lab	44.8959, 30.2442, -49.7635

# Details

The Hex color **8E68CF** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **A9CF68**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **C69CFF**, and **583798** is the 20% darker color. If you saturate the color by 10%, you get **8153CF**, and if you desaturate by 10%, it is **9B7DCF**.

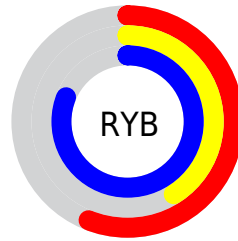
# Distribution



Red (56%)

Green (41%)

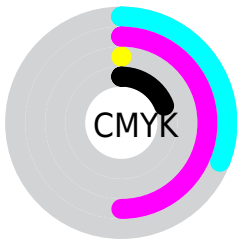
Blue (81%)



Red (56%)

Yellow (41%)

Blue (81%)

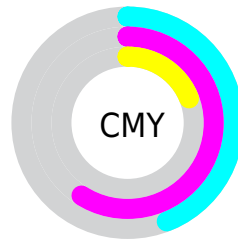


Cyan (31%)

Magenta (50%)

Yellow (0%)

Black (19%)



Cyan (44%)

Magenta (59%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E68CF 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 8E68CF by changing the saturation by 10% instead.



 8E68CF

 8E68CF

FFFFFF

 734FB3

 C69CFF

 583798

 E3B7FF

 3D207E

 FFD3FF

 200864

 FFF0FF

 00004C

 000234

 00021E

 000000

 8E68CF

 8E68CF

8153CF

9B7DCF

743FCF

A891CF

672ACF

B5A6CF

5A15CF

C2BBCF

4D01CF

CFD0CF

4C00CF

DCE4CF

E9F9CF

F7FFCF

FFFFCF

# Harmonies

## Analogous

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



007EE4



8E68CF



C450A5

# Triad

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



8E68CF



B46B10



009488

# Complementary

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



8E68CF



A9CF68

# 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.



009152



8E68CF



897E00

# Square

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



8E68CF



D0543F



518A1F



0093BA

# Rectangle

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



8E68CF



D54682



518A1F



009376



# Sweetspot

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



8E68CF



E7D9FF



68A9CF



716980



000000



808080



# Same Dimension

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



8E68CF



9E66FF



C168CF



625E69



3E00A8



0F0029



# Inverse Universe

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



CF68A9



FF66C7



76CF68



695E65



A8006A

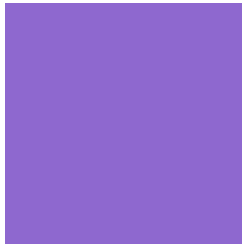


29001A



# Previews

## White Background



This preview shows how the Hex color 8E68CF looks on a white background.

## Color Contrast Check

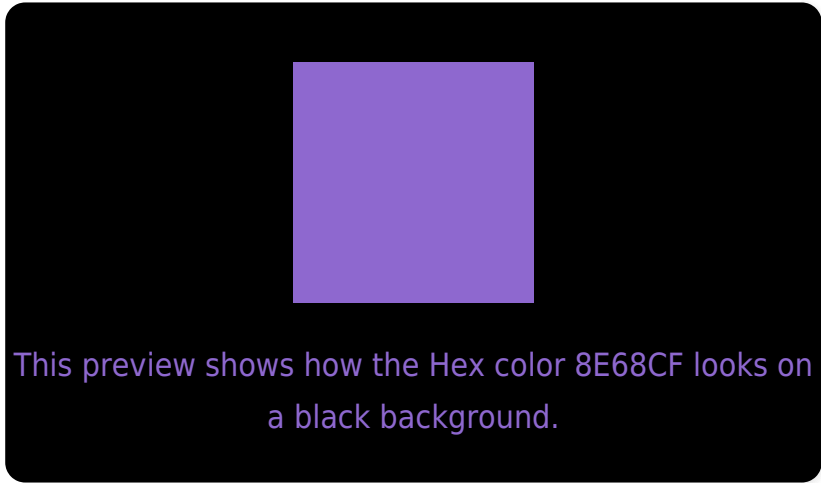
Large Text (above 18pt) WCAG AA ✓ Pass

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

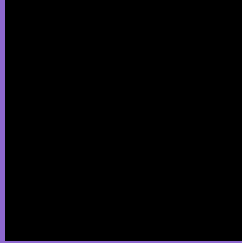
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E68CF Background



This preview shows how black text looks on a background with the Hex color 8E68CF.



This preview shows how white text looks on a background with the Hex color 8E68CF.

# 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](#).

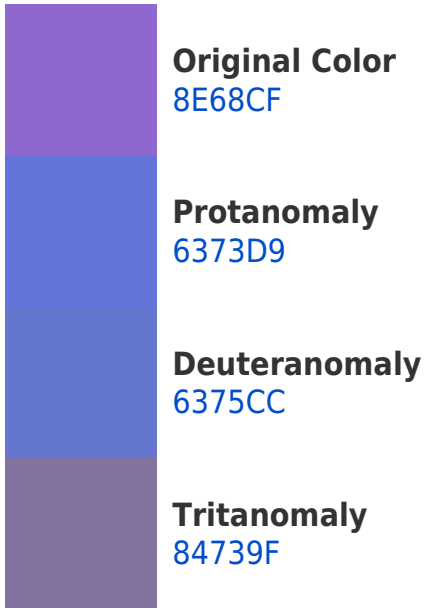
## Dichromacy





**Tritanopia**  
7F7A84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E68CF 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 #8E68CF looks like.

```
.text, #text, p{  
    color:#8E68CF  
}
```

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 #8E68CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E68CF
}
```

## Border

The CSS property to change the border of an element to Hex 8E68CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

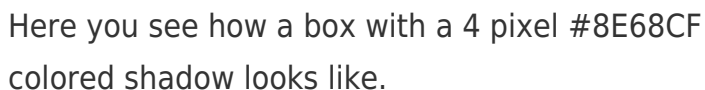
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E68CF }
```

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

```
.border{ border-color:#8E68CF }
```

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



Here you see how a box with a 4 pixel #8E68CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E68CF; -webkit-box-shadow:4px 4px  
4px 4px #8E68CF; box-shadow:4px 4px 4px  
4px #8E68CF }
```

# Background

The CSS property to change the background color of an element to Hex 8E68CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E68CF }
```

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

```
.background{ background-color:#8E68CF }
```

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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