

# Converting Colors

Hex(8E6BE7)

Have a look what the booklet for  
Hex(8E6BE7) contains.

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# Color

**Hex(8E6BE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E6BE7
RGB	142, 107, 231
RGB Percent	56%, 42%, 91%
CMY	0.4431, 0.5804, 0.0941
CMYK	0.39, 0.54, 0.00, 0.09
HSL	257°, 72%, 66%
HSV	257°, 54%, 91%
XYZ	30.8368, 22.0357, 78.2293
YIQ	131.6010, -18.9440, 45.9840

# Conversions

## Conversions Part 2

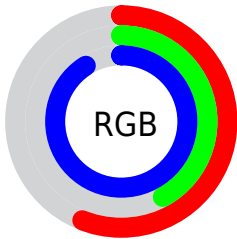
Format	Color
<a href="#">RYB</a>	<a href="#">142, 107, 231</a>
Decimal	<a href="#">9333735</a>
CIELab	<a href="#">54.06, 41.57, -58.33</a>
CIElCh	<a href="#">54, 71.623, 305.474</a>
Yxy	<a href="#">22.0357, 0.2352, 0.1681</a>
Android (android.graphics.Color)	<a href="#">4287523815</a> ( <a href="#">0xFF8E6BE7</a> )
YUV	<a href="#">131.6010, 49.0037, 9.1199</a>
Hunter-Lab	<a href="#">46.9422, 35.1097, -65.9475</a>

# Details

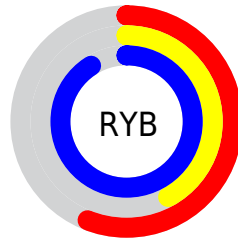
The Hex color **8E6BE7** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C4E76B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **C89FFF**, and **553AAF** is the 20% darker color. If you saturate the color by 10%, you get **7D54E7**, and if you desaturate by 10%, it is **9F82E7**.

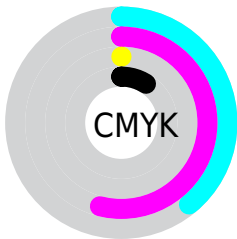
# Distribution



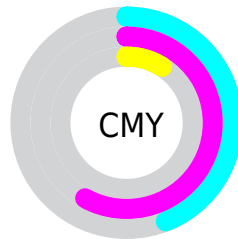
- Red (56%)
- Green (42%)
- Blue (91%)



- Red (56%)
- Yellow (42%)
- Blue (91%)



- Cyan (39%)
- Magenta (54%)
- Yellow (0%)
- Black (9%)



- Cyan (44%)
- Magenta (58%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E6BE7 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 8E6BE7 by changing the saturation by 10% instead.



■ 8E6BE7

■ 8E6BE7

FFFFFF

■ 7252CA

■ C89FFF

■ 553AAF

■ E5BBFF

■ 372393

■ FFD7FF

■ 120B79

■ FFF3FF

■ 00005F

■ 000047

■ 00042F

■ 00011A

■ 000000

 8E6BE7

 8E6BE7

 7D54E7

 9F82E7

 6D3DE7

 AF99E7

 5C26E7

 C0B0E7

 4C0FE7

 D0C7E7

 4100E7

 E1DFE7

 F1F6E7

 FFFFE7

# Harmonies

## Analogous

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



0085FE



8E6BE7



D34AB6

# Triad

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



8E6BE7



C46A00



009C8B

# Complementary

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



8E6BE7



C4E76B

# 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.



00994A



8E6BE7



928200

# Square

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



8E6BE7



E54C3D



509100



009CC8

# Rectangle

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



8E6BE7



E8398D



509100



009C76



# Sweetspot

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



8E6BE7



E2D6FF



6BC6E7



6E6780



000000



808080



# Same Dimension

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



8E6BE7



8A5CFF



CA6BE7



6B6773



3200B3



0E0033



# Inverse Universe

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



E76BC4



FF5CD1



88E76B



736770



B30080

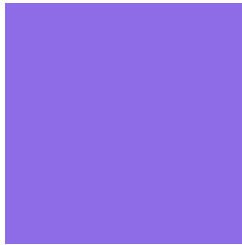


330025



# Previews

## White Background



This preview shows how the Hex color 8E6BE7 looks on a white background.

## Color Contrast Check

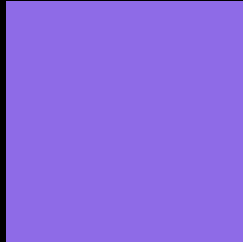
Large Text (above 18pt) WCAG AA ✓ Pass

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 8E6BE7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

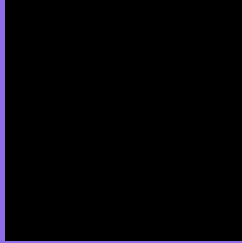
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E6BE7 Background



This preview shows how black text looks on a background with the Hex color 8E6BE7.



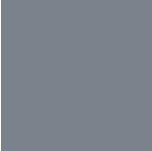
This preview shows how white text looks on a background with the Hex color 8E6BE7.

# 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](#).

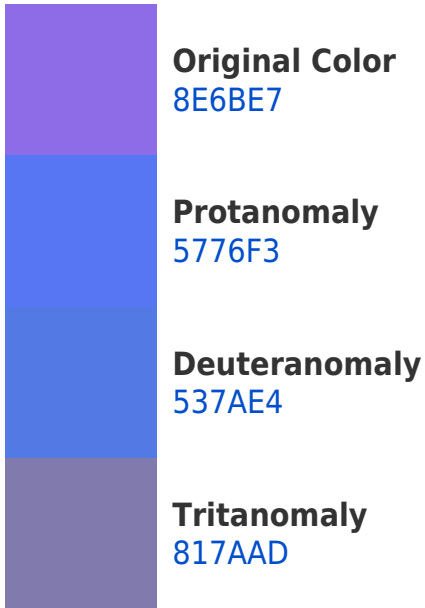
## Dichromacy





**Tritanopia**  
7A828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E6BE7 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 #8E6BE7 looks like.

```
.text, #text, p{  
    color:#8E6BE7  
}
```

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 #8E6BE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E6BE7
}
```

## Border

The CSS property to change the border of an element to Hex 8E6BE7 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
#8E6BE7 }
```

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

```
.border{ border-color:#8E6BE7 }
```

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

Here you see how a box with a 4 pixel #8E6BE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E6BE7; -webkit-box-shadow:4px 4px  
4px 4px #8E6BE7; box-shadow:4px 4px 4px  
4px #8E6BE7 }
```

# Background

The CSS property to change the background color of an element to Hex 8E6BE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E6BE7 }
```

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

```
.background{ background-color:#8E6BE7 }
```

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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