

# Converting Colors

Hex(8E6AEE)

Have a look what the booklet for  
Hex(8E6AEE) contains.

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# Color

**Hex(8E6AEE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E6AEE
RGB	142, 106, 238
RGB Percent	56%, 42%, 93%
CMY	0.4431, 0.5843, 0.0667
CMYK	0.40, 0.55, 0.00, 0.07
HSL	256°, 80%, 67%
HSV	256°, 55%, 93%
XYZ	31.7420, 22.2319, 83.5071
YIQ	131.8120, -20.9160, 48.6840

# Conversions

## Conversions Part 2

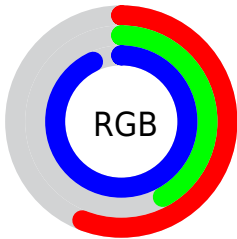
Format	Color
R <sub>Y</sub> B	142, 106, 238
Decimal	9333486
CIE Lab	54.27, 44.00, -61.91
CIE LCh	54, 75.954, 305.402
Yxy	22.2319, 0.2309, 0.1617
Android (android.graphics.Color)	4287523566 (0xFF8E6AEE)
YUV	131.8120, 52.3507, 8.9349
Hunter-Lab	47.1507, 37.6529, -72.0011

# Details

The Hex color **8E6AEE** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **CAEE6A**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **C89EFF**, and **5439B5** is the 20% darker color. If you saturate the color by 10%, you get **7D52EE**, and if you desaturate by 10%, it is **9F82EE**.

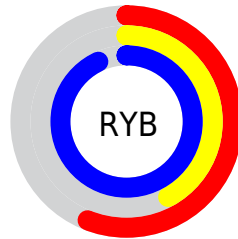
# Distribution



Red (56%)

Green (42%)

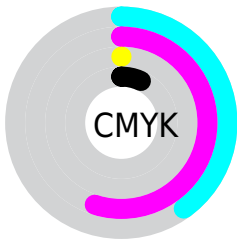
Blue (93%)



Red (56%)

Yellow (42%)

Blue (93%)

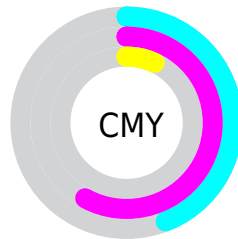


Cyan (40%)

Magenta (55%)

Yellow (0%)

Black (7%)



Cyan (44%)

Magenta (58%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E6AEE 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 8E6AEE by changing the saturation by 10% instead.



 8E6AEE

 8E6AEE

FFFFFF

 7151D1

 C89EFF

 5439B5

 E6BAFF

 35219A

 FFD6FF

 09097F

 FFF2FF

 000065

 00004C

 000534

 00021E

 000001

 8E6AEE

 8E6AEE

 7D52EE

 9F82EE

 6B3AEE

 B19AEE

 5A23EE

 C2B1EE

 490BEE

 D3C9EE

 4100EE

 E5E1EE

 F6F9EE

 FFFFEE

# Harmonies

## Analogous

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



0087FF



8E6AEE



D844BA

# Triad

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



8E6AEE



C76900



009E8C

# Complementary

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



8E6AEE



CAEE6A

# 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.



009B47



8E6AEE



928300

# Square

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



8E6AEE



EA4639



4C9300



009DCD

# Rectangle

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



8E6AEE



EE2F8F



4C9300



009D75



# Sweetspot

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



8E6AEE



DFD4FF



6ACBEE



6D6680



000000



808080



# Same Dimension

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



8E6AEE



8354FF



CF6AEE



6F6C78



3200B8



0F0038



# Inverse Universe

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



EE6ACA



FF54D0



89EE6A



786C75



B80086

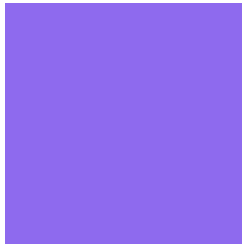


380029



# Previews

## White Background



This preview shows how the Hex color 8E6AEE looks on a white background.

## Color Contrast Check

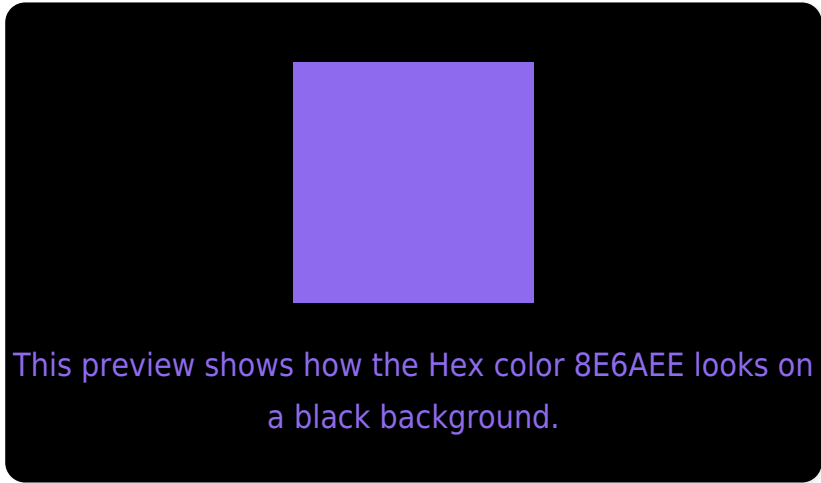
Large Text (above 18pt) WCAG AA ✓ Pass

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

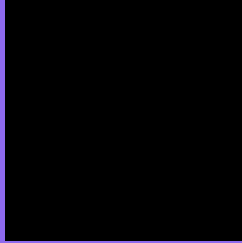
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E6AEE Background



This preview shows how black text looks on a background with the Hex color 8E6AEE.

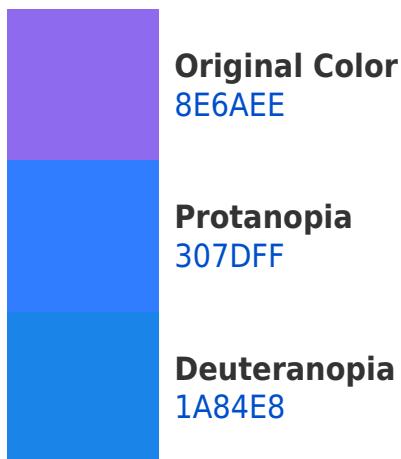


This preview shows how white text looks on a background with the Hex color 8E6AEE.

# 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](#).

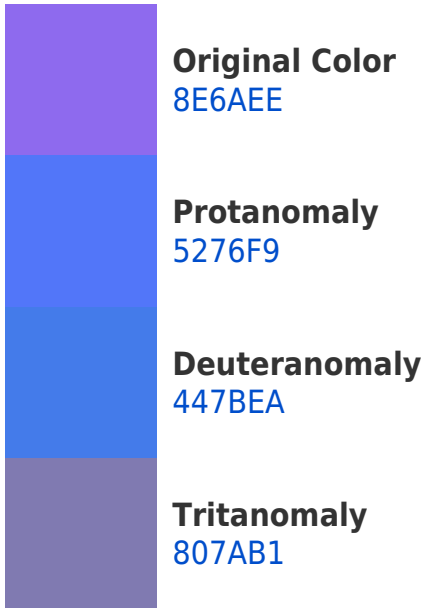
## Dichromacy



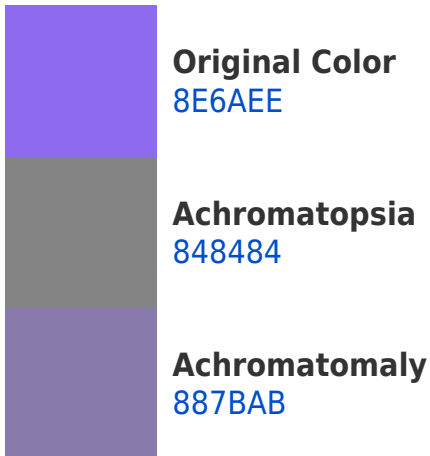


**Tritanopia**  
78838E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E6AEE 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 #8E6AEE looks like.

```
.text, #text, p{  
    color:#8E6AEE  
}
```

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 #8E6AEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E6AEE
}
```

## Border

The CSS property to change the border of an element to Hex 8E6AEE is called "border". The border property can be set on classes, ids or directly on the HTML element.

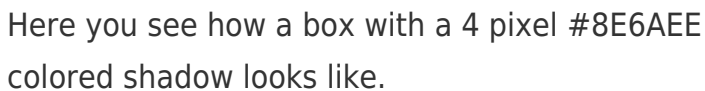
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E6AEE }
```

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

```
.border{ border-color:#8E6AEE }
```

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



Here you see how a box with a 4 pixel #8E6AEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E6AEE; -webkit-box-shadow:4px 4px  
4px 4px #8E6AEE; box-shadow:4px 4px 4px  
4px #8E6AEE }
```

# Background

The CSS property to change the background color of an element to Hex 8E6AEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E6AEE }
```

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

```
.background{ background-color:#8E6AEE }
```

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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