

# Converting Colors

Hex(8E6FDE)

Have a look what the booklet for  
Hex(8E6FDE) contains.

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# Color

Hex(8E6FDE)

# Conversions

## Conversions Part 1

Format	Color
Hex	8E6FDE
RGB	142, 111, 222
RGB Percent	56%, 44%, 87%
CMY	0.4431, 0.5647, 0.1294
CMYK	0.36, 0.50, 0.00, 0.13
HSL	257°, 63%, 65%
HSV	257°, 50%, 87%
XYZ	30.0246, 22.3936, 71.8472
YIQ	132.9230, -17.1550, 41.0930

# Conversions

## Conversions Part 2

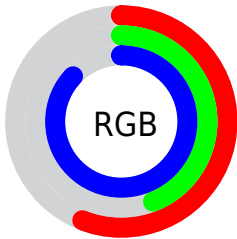
Format	Color
<b>RYB</b>	142, 111, 222
Decimal	9334750
CIELab	54.44, 36.90, -52.67
CIELCh	54, 64.305, 305.013
Yxy	22.3936, 0.2416, 0.1802
Android (android.graphics.Color)	4287524830 (0xFF8E6FDE)
YUV	132.9230, 43.9150, 7.9605
Hunter-Lab	47.3219, 30.4407, -56.8927

# Details

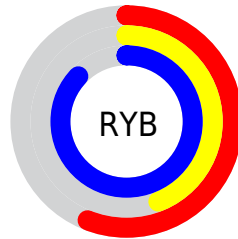
The Hex color **8E6FDE** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **BFDE6F**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **C7A3FF**, and **563EA6** is the 20% darker color. If you saturate the color by 10%, you get **7E59DE**, and if you desaturate by 10%, it is **9E85DE**.

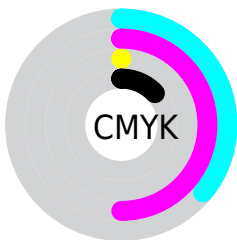
# Distribution



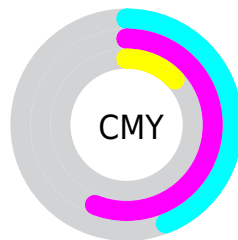
- Red (56%)
- Green (44%)
- Blue (87%)



- Red (56%)
- Yellow (44%)
- Blue (87%)



- Cyan (36%)
- Magenta (50%)
- Yellow (0%)
- Black (13%)



- Cyan (44%)
- Magenta (56%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E6FDE 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 8E6FDE by changing the saturation by 10% instead.



 8E6FDE

 8E6FDE

FFFFFF

 7256C2

 C7A3FF

 563EA6

 E4BFFF

 3A278B

 FFDBFF

 1A1171

 FFF7FF

 000058

 000040

 000329

 000113

 000000

 8E6FDE

 8E6FDE

 7E59DE

 9E85DE

 6E43DE

 AE9BDE

 5E2CDE

 BEB2DE

 4E16DE

 CEC8DE

 3E00DE

 DEDEDE

 EE4DE

 FEFFDE

 FFFFDE

# Harmonies

## Analogous

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



0086F2



8E6FDE



CC54B2

# Triad

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



8E6FDE



C16E12



009C8A

# Complementary

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



8E6FDE



BFDE6F

# 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.



009850



8E6FDE



948300

# Square

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



8E6FDE



DE5546



5A9118



009BC1

# Rectangle

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



8E6FDE



DF488E



5A9118



009B77



# Sweetspot

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



8E6FDE



E3D9FF



6FC0DE



6F6980



000000



808080



# Same Dimension

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



8E6FDE



9166FF



C46FDE



686570



3100B0



0E0030



# Inverse Universe

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



DE6FBF



FF66D4



89DE6F



70656D



B0007F

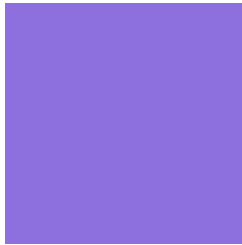


300023



# Previews

## White Background



This preview shows how the Hex color 8E6FDE looks on a white background.

## Color Contrast Check

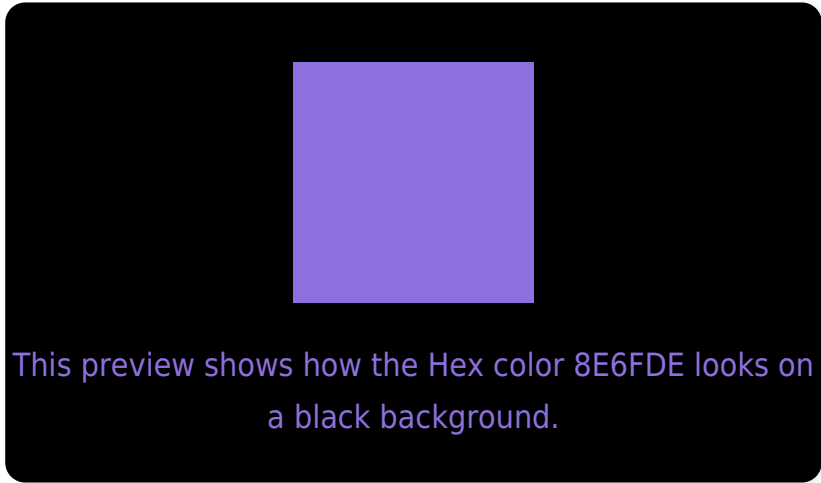
Large Text (above 18pt) WCAG AA ✓ Pass

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

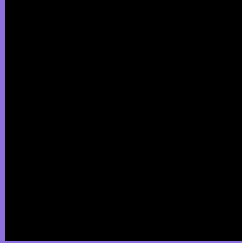
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E6FDE Background



This preview shows how black text looks on a background with the Hex color 8E6FDE.

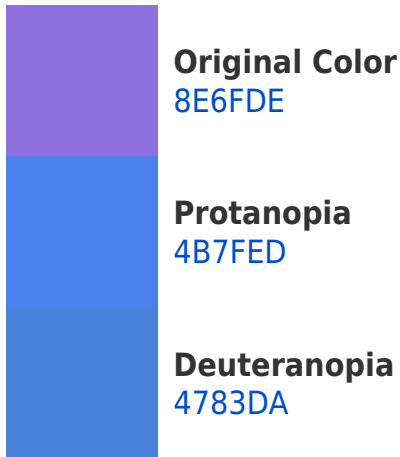


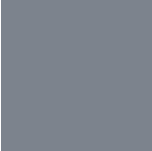
This preview shows how white text looks on a background with the Hex color 8E6FDE.

# 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](#).

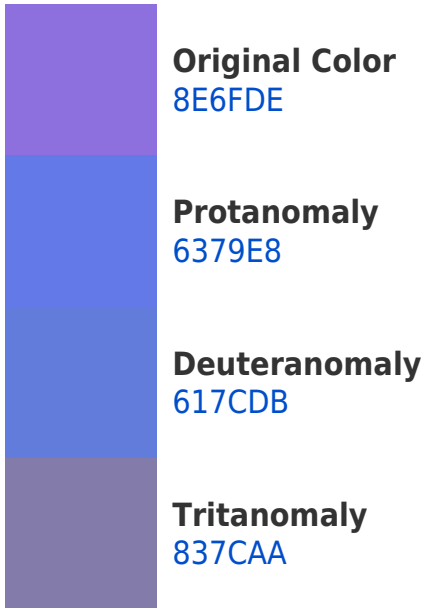
## Dichromacy



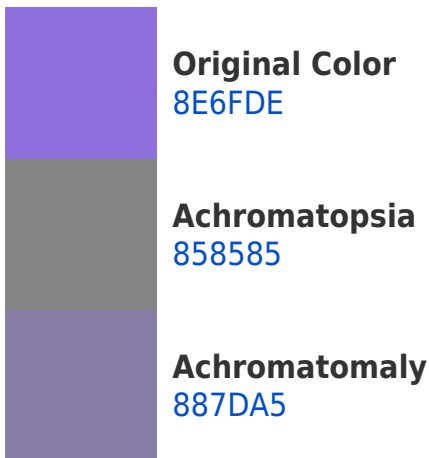


**Tritanopia**  
7C838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E6FDE 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 #8E6FDE looks like.

```
.text, #text, p{  
    color:#8E6FDE  
}
```

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 #8E6FDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E6FDE
}
```

## Border

The CSS property to change the border of an element to Hex 8E6FDE is called "border". The border property can be set on classes, ids or directly on the HTML element.

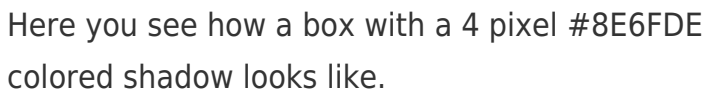
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E6FDE }
```

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

```
.border{ border-color:#8E6FDE }
```

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



Here you see how a box with a 4 pixel #8E6FDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E6FDE; -webkit-box-shadow:4px 4px  
4px 4px #8E6FDE; box-shadow:4px 4px 4px  
4px #8E6FDE }
```

# Background

The CSS property to change the background color of an element to Hex 8E6FDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E6FDE }
```

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

```
.background{ background-color:#8E6FDE }
```

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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