

# Converting Colors

Hex(8E77DC)

Have a look what the booklet for  
Hex(8E77DC) contains.

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# Color

Hex(8E77DC)

# Conversions

## Conversions Part 1

Format	Color
Hex	8E77DC
RGB	142, 119, 220
RGB Percent	56%, 47%, 86%
CMY	0.4431, 0.5333, 0.1373
CMYK	0.35, 0.46, 0.00, 0.14
HSL	254°, 59%, 66%
HSV	254°, 46%, 86%
XYZ	30.6704, 24.1117, 70.7477
YIQ	137.3910, -18.7130, 36.2870

# Conversions

## Conversions Part 2

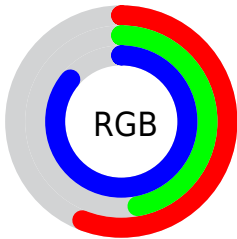
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">142, 119, 220</a>
Decimal	<a href="#">9336796</a>
CIELab	<a href="#">56.20, 31.74, -48.74</a>
CIELCh	<a href="#">56, 58.170, 303.074</a>
Yxy	<a href="#">24.1117, 0.2443, 0.1921</a>
Android (android.graphics.Color)	<a href="#">4287526876 (0xFF8E77DC)</a>
YUV	<a href="#">137.3910, 40.7262, 4.0421</a>
Hunter-Lab	<a href="#">49.1037, 25.5605, -51.0513</a>

# Details

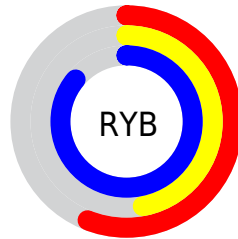
The Hex color **8E77DC** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C5DC77**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **C6ACFF**, and **5746A4** is the 20% darker color. If you saturate the color by 10%, you get **7D61DC**, and if you desaturate by 10%, it is **9F8DDC**.

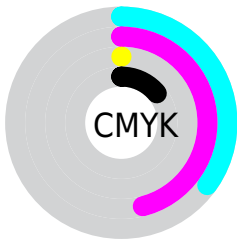
# Distribution



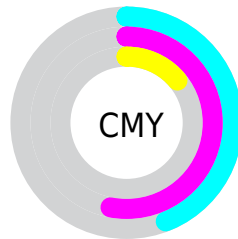
- Red (56%)
- Green (47%)
- Blue (86%)



- Red (56%)
- Yellow (47%)
- Blue (86%)



- Cyan (35%)
- Magenta (46%)
- Yellow (0%)
- Black (14%)



- Cyan (44%)
- Magenta (53%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E77DC 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 8E77DC by changing the saturation by 10% instead.



8E77DC

8E77DC

FFFFFF

725EC0

C6ACFF

5746A4

E3C7FF

3C2F8A

FFE3FF

1D1970

000457

00003F

000328

000111

000000

 8E77DC

 8E77DC

 7D61DC

 9F8DDC

 6C4BDC

 B0A3DC

 5B35DC

 C1B9DC

 4A1FDC

 D2CFDC

 3909DC

 E3E5DC

 3200DC

 F4FBDC

 FFFFDC

# Harmonies

## Analogous

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



008BEC



8E77DC



C861B5

# Triad

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



8E77DC



C47329



009F8B

# Complementary

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



8E77DC



C5DC77

# 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.



009B57



8E77DC



9B8610

# Square

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



8E77DC



DD5F52



689329



009EBD

# Rectangle

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



8E77DC



DC5795



689329



009E79



# Sweetspot

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



8E77DC



E3DBFF



77C6DC



6F6A80



000000



808080



# Same Dimension

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



8E77DC



9373FF



BF77DC



65636E



2700AD



0A002E



# Inverse Universe

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



DC77C5



FF73DF



94DC77



6E636B



AD0086

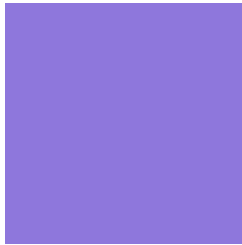


2E0023



# Previews

## White Background



This preview shows how the Hex color 8E77DC 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

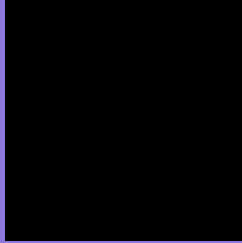
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E77DC Background



This preview shows how black text looks on a background with the Hex color 8E77DC.

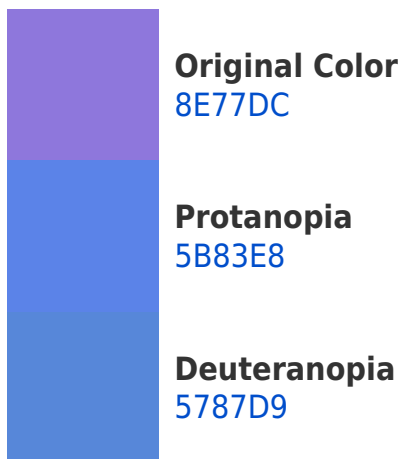


This preview shows how white text looks on a background with the Hex color 8E77DC.

# 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**  
7E8893

# Trichromacy



**Original Color**  
8E77DC

**Protanomaly**  
6E7FE4

**Deuteranomaly**  
6B81DA

**Tritanomaly**  
8482AE

# Monochromacy



**Original Color**  
8E77DC

**Achromatopsia**  
898989

**Achromatomaly**  
8B82A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E77DC 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 #8E77DC looks like.

```
.text, #text, p{  
    color:#8E77DC  
}
```

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 #8E77DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E77DC
}
```

## Border

The CSS property to change the border of an element to Hex 8E77DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

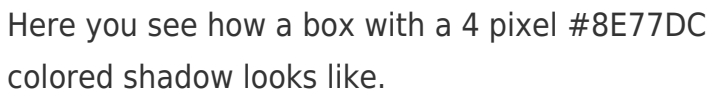
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E77DC }
```

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

```
.border{ border-color:#8E77DC }
```

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



Here you see how a box with a 4 pixel #8E77DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E77DC; -webkit-box-shadow:4px 4px  
4px 4px #8E77DC; box-shadow:4px 4px 4px  
4px #8E77DC }
```

# Background

The CSS property to change the background color of an element to Hex 8E77DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E77DC }
```

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

```
.background{ background-color:#8E77DC }
```

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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