

Converting Colors

Hex(8E70CC)

Have a look what the booklet for
Hex(8E70CC) contains.

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Color

Hex(8E70CC)

Conversions

Conversions Part 1

Format	Color
Hex	8E70CC
RGB	142, 112, 204
RGB Percent	56%, 44%, 80%
CMY	0.4431, 0.5608, 0.2000
CMYK	0.30, 0.45, 0.00, 0.20
HSL	260°, 47%, 62%
HSV	260°, 45%, 80%
XYZ	27.8486, 21.6988, 59.8472
YIQ	131.4580, -11.6520, 34.9720

Conversions

Conversions Part 2

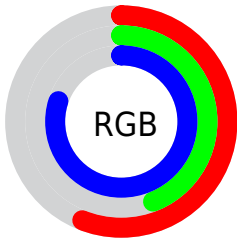
Format	Color
RYB	142, 112, 204
Decimal	9334988
CIELab	53.71, 31.64, -43.65
CIELCh	54, 53.906, 305.935
Yxy	21.6988, 0.2546, 0.1984
Android (android.graphics.Color)	4287525068 (0xFF8E70CC)
YUV	131.4580, 35.7632, 9.2453
Hunter-Lab	46.5819, 25.1962, -43.5669

Details

The Hex color **8E70CC** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **AECC70**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **C6A4FF**, and **583F95** is the 20% darker color. If you saturate the color by 10%, you get **805CCC**, and if you desaturate by 10%, it is **9C84CC**.

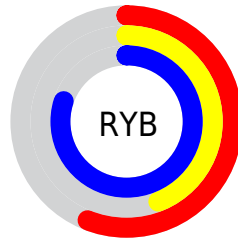
Distribution



Red (56%)

Green (44%)

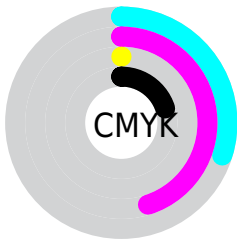
Blue (80%)



Red (56%)

Yellow (44%)

Blue (80%)

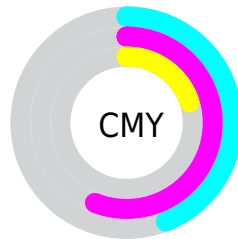


Cyan (30%)

Magenta (45%)

Yellow (0%)

Black (20%)



Cyan (44%)

Magenta (56%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E70CC 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 8E70CC by changing the saturation by 10% instead.

 8E70CC

 8E70CC

FFFFFF

 7357B0

 C6A4FF

 583F95

 E3C0FF

 3E297B

 FFDBFF

 231362

 FFF8FF

 030049

 000132

 00011C

 000000

 8E70CC

 8E70CC

805CCC

9C84CC

7347CC

A999CC

6533CC

B7ADCC

571ECC

C5C2CC

490ACC

D3D6CC

4300CC

E0EACC

EEFFCC

FCFFCC

FFFFCC

Harmonies

Analogous

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



2383DD



8E70CC



C05DA7

Triad

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



8E70CC



B67028



009789

Complementary

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



8E70CC



AECC70

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.



009458



8E70CC



908118

Square

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



8E70CC



CF5E4C



5F8D2F



0095B6

Rectangle

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



8E70CC



D05589



5F8D2F



009678

Sweetspot

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



8E70CC



E7DBFF



70AFCC



716A80



000000



808080

Same Dimension

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



8E70CC



A275FF



BB70CC



5F5C66



3600A6



0C0026

Inverse Universe

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



CC70AE



FF75D2



81CC70



665C63



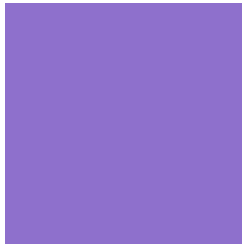
A60070



26001A

Previews

White Background



This preview shows how the Hex color 8E70CC looks on a white background.

Color Contrast Check

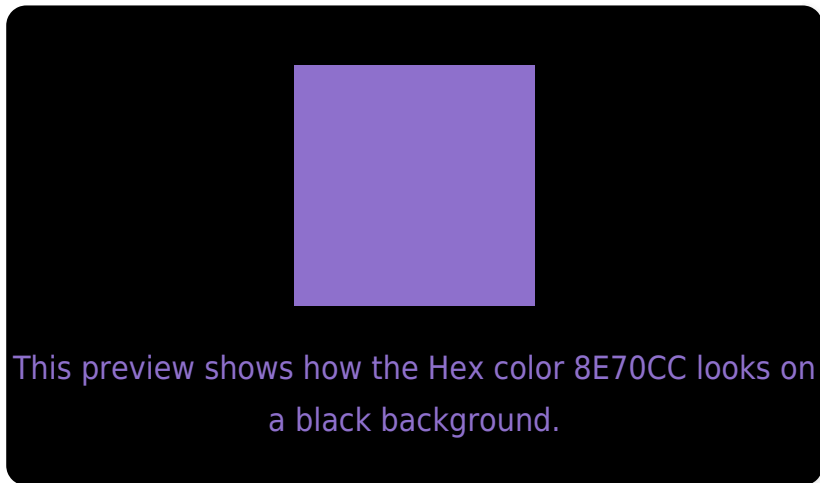
Large Text (above 18pt) WCAG AA ✓ Pass

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

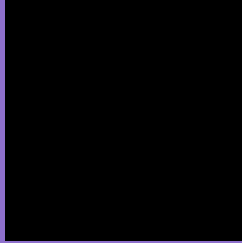
Any Text WCAG AA ✓ Pass

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 8E70CC Background



This preview shows how black text looks on a background with the Hex color 8E70CC.



This preview shows how white text looks on a background with the Hex color 8E70CC.

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](#).

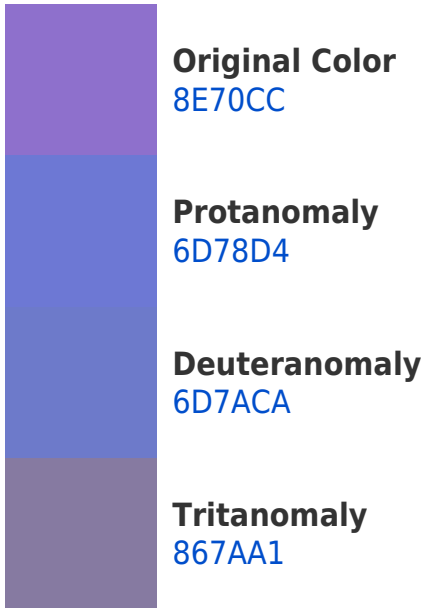
Dichromacy





Tritanopia
817F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8E70CC 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 #8E70CC looks like.

```
.text, #text, p{  
    color:#8E70CC  
}
```

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 #8E70CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E70CC
}
```

Border

The CSS property to change the border of an element to Hex 8E70CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

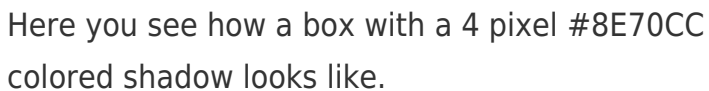
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E70CC }
```

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

```
.border{ border-color:#8E70CC }
```

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



Here you see how a box with a 4 pixel #8E70CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E70CC; -webkit-box-shadow:4px 4px  
4px 4px #8E70CC; box-shadow:4px 4px 4px  
4px #8E70CC }
```

Background

The CSS property to change the background color of an element to Hex 8E70CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E70CC }
```

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

```
.background{ background-color:#8E70CC }
```

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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