

Converting Colors

Hex(8E51CC)

Have a look what the booklet for
Hex(8E51CC) contains.

Hex(8E51CC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8E51CC)

Conversions

Conversions Part 1

Format	Color
Hex	8E51CC
RGB	142, 81, 204
RGB Percent	56%, 32%, 80%
CMY	0.4431, 0.6824, 0.2000
CMYK	0.30, 0.60, 0.00, 0.20
HSL	270°, 55%, 56%
HSV	270°, 60%, 80%
XYZ	24.9968, 15.9953, 58.8967
YIQ	113.2610, -3.1270, 51.1850

Conversions

Conversions Part 2

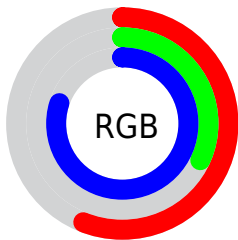
Format	Color
RYB	142, 81, 204
Decimal	9327052
CIELab	46.97, 48.93, -54.39
CIELCh	47, 73.162, 311.975
Yxy	15.9953, 0.2502, 0.1601
Android (android.graphics.Color)	4287517132 (0xFF8E51CC)
YUV	113.2610, 44.7343, 25.2041
Hunter-Lab	39.9941, 41.5752, -59.3166

Details

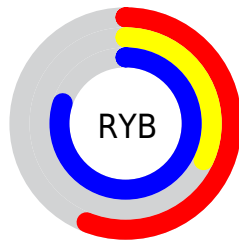
The Hex color **8E51CC** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **8FCC51**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **C785FF**, and **571E95** is the 20% darker color. If you saturate the color by 10%, you get **843DCC**, and if you desaturate by 10%, it is **9865CC**.

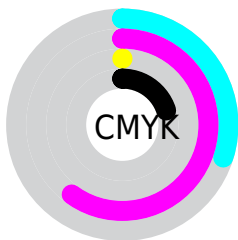
Distribution



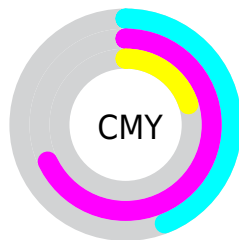
- Red (56%)
- Green (32%)
- Blue (80%)



- Red (56%)
- Yellow (32%)
- Blue (80%)



- Cyan (30%)
- Magenta (60%)
- Yellow (0%)
- Black (20%)



- Cyan (44%)
- Magenta (68%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E51CC 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 8E51CC by changing the saturation by 10% instead.

8E51CC

8E51CC

FFFFFF

7238B0

C785FF

571E95

E4A0FF

3B007A

FFBCFF

1C0061

FFD8FF

000048

FFF5FF

000431

00011B

000000

8E51CC

8E51CC

843DCC

9865CC

7928CC

A37ACC

6F14CC

AD8ECC

6500CC

B7A3CC

C1B7CC

CCCBCC

D6E0CC

E0F4CC

EBFFCC

Harmonies

Analogous

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



006FE9



8E51CC



C82797

Triad

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



8E51CC



A55E00



008987

Complementary

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



8E51CC



8FCC51

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.



008747



8E51CC



717500

Square

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



8E51CC



CA3D1D



208100



0088C1

Rectangle

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



8E51CC



D7116E



208100



008972

Sweetspot

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



8E51CC



E8D1FF



5191CC



716380



000000



808080

Same Dimension

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



8E51CC



A247FF



CA51CC



615C66



5200A6



130026

Inverse Universe

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



CC518F



FF47A4



53CC51



665C61



A60054



260013

Previews

White Background



This preview shows how the Hex color 8E51CC looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

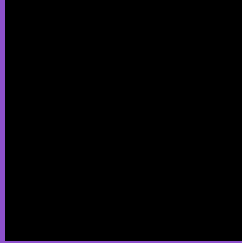
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 8E51CC Background



This preview shows how black text looks on a background with the Hex color 8E51CC.

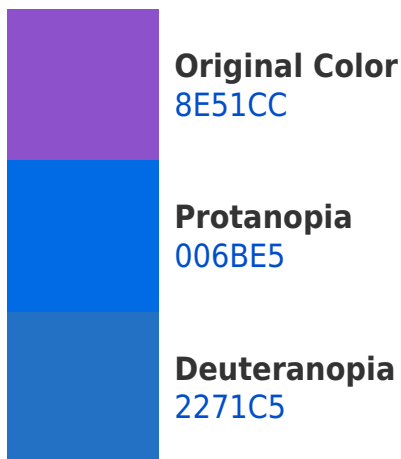



This preview shows how white text looks on a background with the Hex color 8E51CC.

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](#).

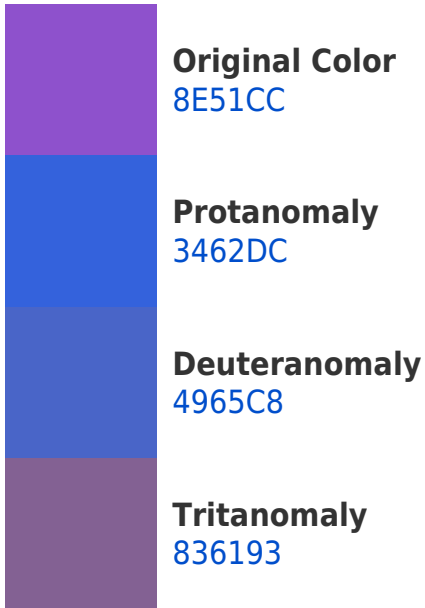
Dichromacy



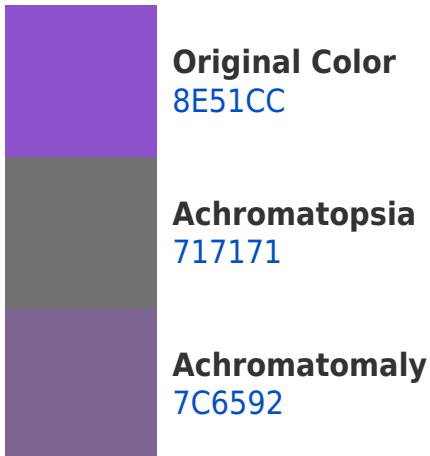


Tritanopia
7D6A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8E51CC 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 #8E51CC looks like.

```
.text, #text, p{  
    color:#8E51CC  
}
```

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 #8E51CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E51CC
}
```

Border

The CSS property to change the border of an element to Hex 8E51CC 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
#8E51CC }
```

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

```
.border{ border-color:#8E51CC }
```

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

Here you see how a box with a 4 pixel #8E51CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E51CC; -webkit-box-shadow:4px 4px  
4px 4px #8E51CC; box-shadow:4px 4px 4px  
4px #8E51CC }
```

Background

The CSS property to change the background color of an element to Hex 8E51CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E51CC }
```

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

```
.background{ background-color:#8E51CC }
```

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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