

Converting Colors

Hex(8E46E8)

Have a look what the booklet for
Hex(8E46E8) contains.

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Color

Hex(8E46E8)

Conversions

Conversions Part 1

Format	Color
Hex	8E46E8
RGB	142, 70, 232
RGB Percent	56%, 27%, 91%
CMY	0.4431, 0.7255, 0.0902
CMYK	0.39, 0.70, 0.00, 0.09
HSL	267°, 78%, 59%
HSV	267°, 70%, 91%
XYZ	27.9110, 15.9573, 77.9529
YIQ	109.9960, -9.0900, 65.6460

Conversions

Conversions Part 2

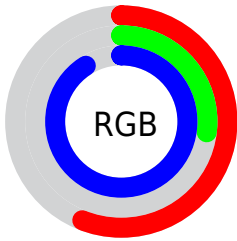
Format	Color
R_{YB}	142, 70, 232
Decimal	9324264
CIE _{Lab}	46.92, 61.14, -70.44
CIE _{LCh}	47, 93.271, 310.958
Yxy	15.9573, 0.2291, 0.1310
Android (android.graphics.Color)	4287514344 (0xFF8E46E8)
YUV	109.9960, 60.1480, 28.0675
Hunter-Lab	39.9466, 54.8128, -87.7376

Details

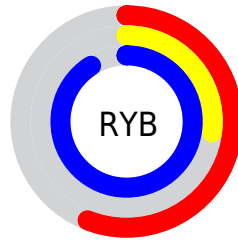
The Hex color **8E46E8** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **A0E846**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **C97CFF**, and **5207AF** is the 20% darker color. If you saturate the color by 10%, you get **812FE8**, and if you desaturate by 10%, it is **9B5DE8**.

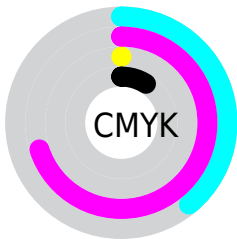
Distribution



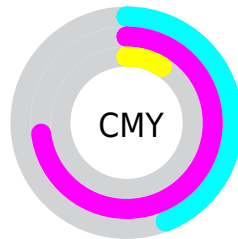
- Red (56%)
- Green (27%)
- Blue (91%)



- Red (56%)
- Yellow (27%)
- Blue (91%)



- Cyan (39%)
- Magenta (70%)
- Yellow (0%)
- Black (9%)



- Cyan (44%)
- Magenta (73%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E46E8 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 8E46E8 by changing the saturation by 10% instead.

8E46E8

8E46E8

FFFFFF

702BCB

C97CFF

5207AF

E797FF

320094

FFB3FF

000079

FFCFFF

00005F

FFECFF

000446

00042F

000119

000000

 8E46E8

 8E46E8

 812FE8

 9B5DE8

 7418E8

 A874E8

 6700E8

 B58CE8

 C2A3E8

 CEBAE8

 DBD1E8

 E8E8E8

 F5FFE8

 FFFFE8

Harmonies

Analogous

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



0072FF



8E46E8



DC00A4

Triad

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



8E46E8



AF5800



008D8B

Complementary

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



8E46E8



A0E846

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.



008B37



8E46E8



6E7500

Square

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



8E46E8



DE1200



008400



008DD6

Rectangle

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



8E46E8



EF0071



008400



008D70

Sweetspot

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



8E46E8



E1C9FF



46A2E8



6E6080



000000



808080

Same Dimension

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



8E46E8



8829FF



DD46E8



6C6773



4F00B3



170033

Inverse Universe

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



E846A0



FF29A0



51E846



73676E



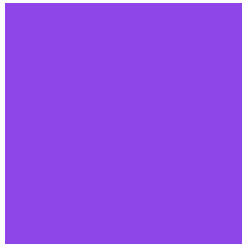
B30063



33001C

Previews

White Background



This preview shows how the Hex color 8E46E8 looks on a white background.

Color Contrast Check

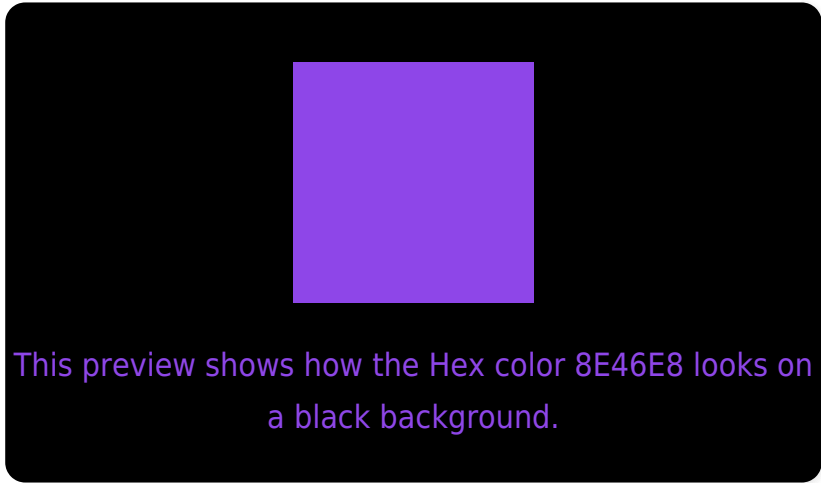
Large Text (above 18pt) WCAG AA ✓ Pass

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 8E46E8 Background



This preview shows how black text looks on a background with the Hex color 8E46E8.

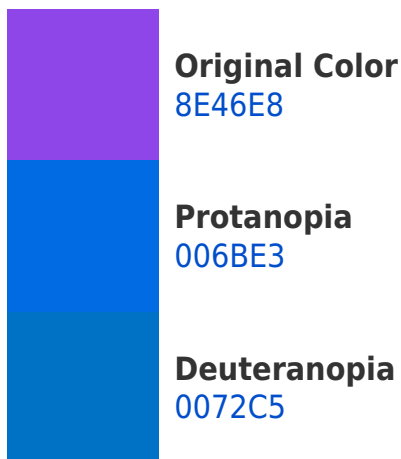


This preview shows how white text looks on a background with the Hex color 8E46E8.

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](#).

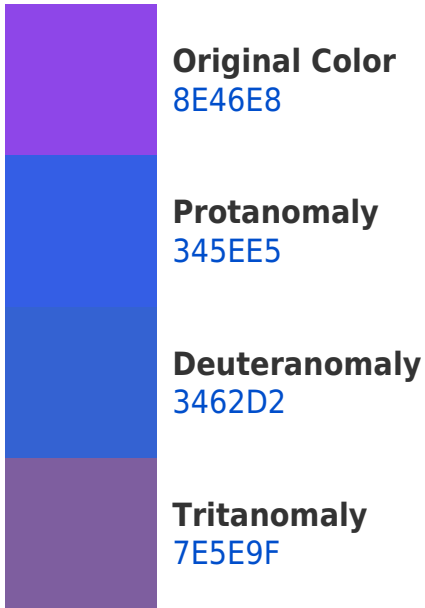
Dichromacy



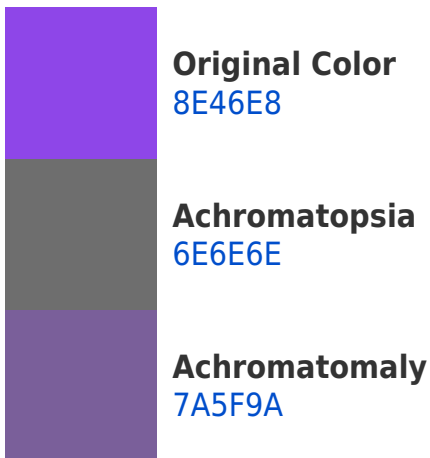


Tritanopia
756C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8E46E8 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 #8E46E8 looks like.

```
.text, #text, p{  
    color:#8E46E8  
}
```

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 #8E46E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E46E8
}
```

Border

The CSS property to change the border of an element to Hex 8E46E8 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".

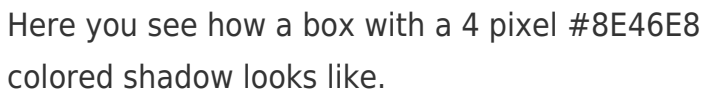
```
.border, #border, table{ border:4px solid
#8E46E8 }
```

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

```
.border{ border-color:#8E46E8 }
```

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

Here you see how a box with a 4 pixel #8E46E8 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E46E8; -webkit-box-shadow:4px 4px  
4px 4px #8E46E8; box-shadow:4px 4px 4px  
4px #8E46E8 }
```

Background

The CSS property to change the background color of an element to Hex 8E46E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E46E8 }
```

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

```
.background{ background-color:#8E46E8 }
```

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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