

# Converting Colors

Hex(8E43E0)

Have a look what the booklet for  
Hex(8E43E0) contains.

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# Color

**Hex(8E43E0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E43E0
RGB	142, 67, 224
RGB Percent	56%, 26%, 88%
CMY	0.4431, 0.7373, 0.1216
CMYK	0.37, 0.70, 0.00, 0.12
HSL	269°, 72%, 57%
HSV	269°, 70%, 88%
XYZ	26.6170, 15.1469, 72.0418
YIQ	107.3230, -5.6970, 64.7270

# Conversions

## Conversions Part 2

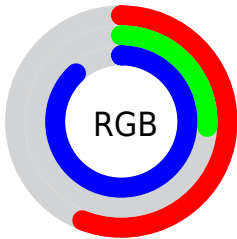
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 67, 224
Decimal	9323488
CIE <sub>Lab</sub>	45.83, 60.59, -67.66
CIE <sub>LCh</sub>	46, 90.830, 311.844
Yxy	15.1469, 0.2339, 0.1331
Android (android.graphics.Color)	4287513568 (0xFF8E43E0)
YUV	107.3230, 57.5218, 30.4117
Hunter-Lab	38.9190, 53.9692, -82.5065

# Details

The Hex color **8E43E0** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **95E043**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **C979FF**, and **5301A8** is the 20% darker color. If you saturate the color by 10%, you get **822DE0**, and if you desaturate by 10%, it is **9A59E0**.

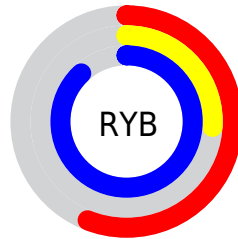
# Distribution



Red (56%)

Green (26%)

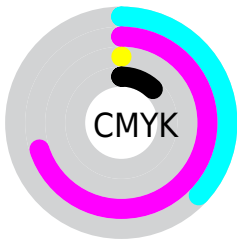
Blue (88%)



Red (56%)

Yellow (26%)

Blue (88%)

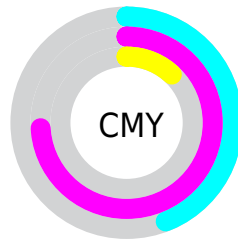


Cyan (37%)

Magenta (70%)

Yellow (0%)

Black (12%)



Cyan (44%)

Magenta (74%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E43E0 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 8E43E0 by changing the saturation by 10% instead.



 8E43E0

 8E43E0

FFFFFF

 7127C3

 C979FF

 5301A8

 E794FF

 34008C

 FFBOFF

 070072

 FFCCFF

 000059

 FFE9FF

 000740

 000329

 000113

 000000

8E43E0

8E43E0

822DE0

9A59E0

7716E0

A570E0

6B00E0

B186E0

BD9DE0

C8B3E0

D4C9E0

E0E0E0

ECF6E0

F7FFE0

# Harmonies

## Analogous

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



006EFF



8E43E0



D7009E

# Triad

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



8E43E0



A95700



008A8A

# Complementary

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



8E43E0



95E043

# 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.



008739



8E43E0



697300

# Square

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



8E43E0



D71900



008100



008AD2

# Rectangle

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



8E43E0



E9006C



008100



00896F



# Sweetspot

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



8E43E0



E3C9FF



4397E0



6F6080



000000



808080



# Same Dimension

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



8E43E0



8F29FF



DB43E0



6A6570



5400B0



170030



# Inverse Universe

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



E04395



FF2999



48E043



70656B



B0005C

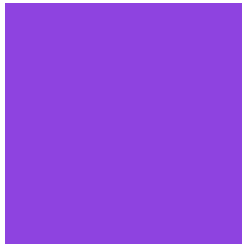


300019



# Previews

## White Background



This preview shows how the Hex color 8E43E0 looks on a white background.

## Color Contrast Check

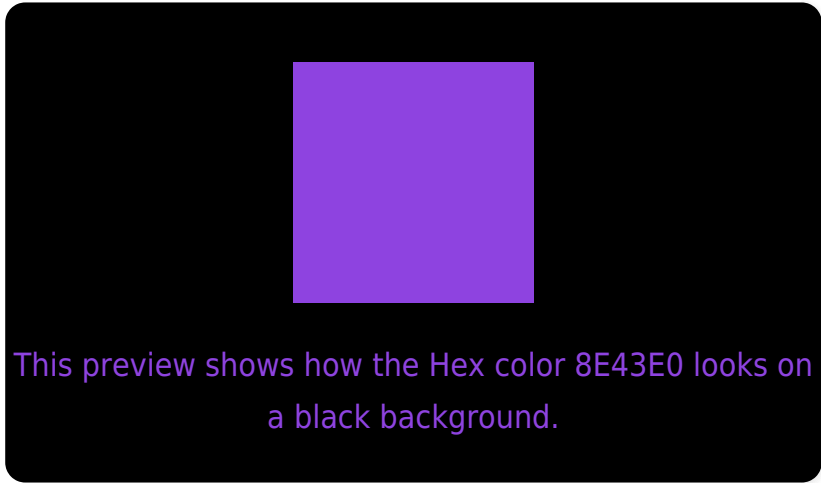
Large Text (above 18pt) WCAG AA ✓ Pass

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

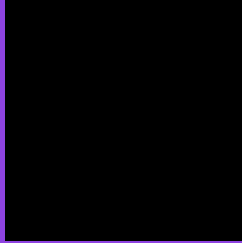
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8E43E0 Background



This preview shows how black text looks on a background with the Hex color 8E43E0.



This preview shows how white text looks on a background with the Hex color 8E43E0.

# 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](#).

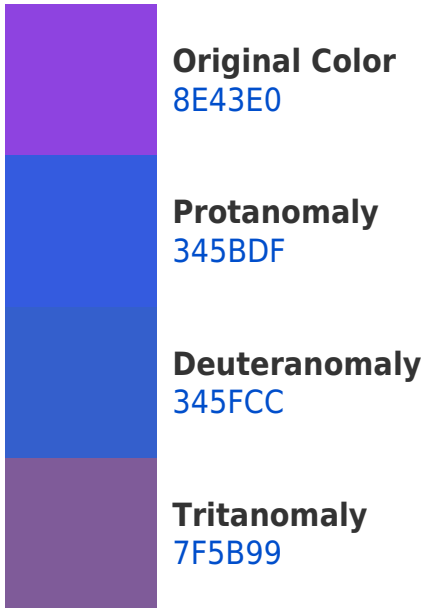
## Dichromacy



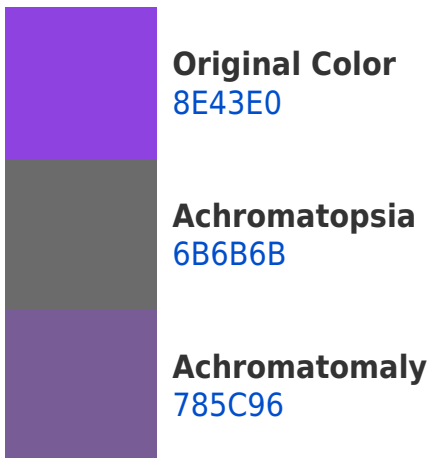


**Tritanopia**  
776870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E43E0 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 #8E43E0 looks like.

```
.text, #text, p{  
    color:#8E43E0  
}
```

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 #8E43E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E43E0
}
```

## Border

The CSS property to change the border of an element to Hex 8E43E0 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".

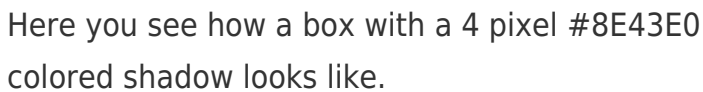
```
.border, #border, table{ border:4px solid
#8E43E0 }
```

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

```
.border{ border-color:#8E43E0 }
```

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

Here you see how a box with a 4 pixel #8E43E0 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 bottom, and a thicker purple shadow on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E43E0; -webkit-box-shadow:4px 4px  
4px 4px #8E43E0; box-shadow:4px 4px 4px  
4px #8E43E0 }
```

# Background

The CSS property to change the background color of an element to Hex 8E43E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E43E0 }
```

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

```
.background{ background-color:#8E43E0 }
```

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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