

Converting Colors

Hex(8B41EB)

Have a look what the booklet for
Hex(8B41EB) contains.

Hex(8B41EB)	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(8B41EB)

Conversions

Conversions Part 1

Format	Color
Hex	8B41EB
RGB	139, 65, 235
RGB Percent	55%, 25%, 92%
CMY	0.4549, 0.7451, 0.0784
CMYK	0.41, 0.72, 0.00, 0.08
HSL	266°, 81%, 59%
HSV	266°, 72%, 92%
XYZ	27.5332, 15.2677, 80.0931
YIQ	106.5060, -10.4660, 68.5580

Conversions

Conversions Part 2

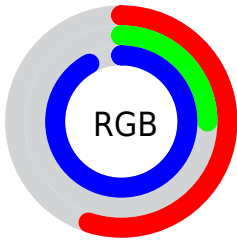
Format	Color
R_{YB}	139, 65, 235
Decimal	9126379
CIE _{Lab}	46.00, 63.60, -73.65
CIE _{LCh}	46, 97.306, 310.812
Yxy	15.2677, 0.2240, 0.1242
Android (android.graphics.Color)	4287316459 (0xFF8B41EB)
YUV	106.5060, 63.3475, 28.4972
Hunter-Lab	39.0739, 57.3993, -94.1799

Details

The Hex color **8B41EB** 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 **A1EB41**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **C777FF**, and **4E00B2** is the 20% darker color. If you saturate the color by 10%, you get **7E29EB**, and if you desaturate by 10%, it is **9858EB**.

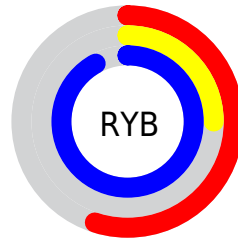
Distribution



Red (55%)

Green (25%)

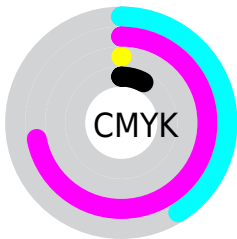
Blue (92%)



Red (55%)

Yellow (25%)

Blue (92%)

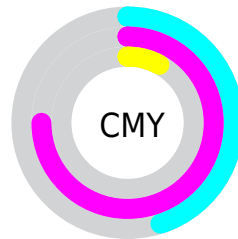


Cyan (41%)

Magenta (72%)

Yellow (0%)

Black (8%)



Cyan (45%)

Magenta (75%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B41EB 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 8B41EB by changing the saturation by 10% instead.

 8B41EB

 8B41EB

FFFFFF

 6D24CE

 C777FF

 4E00B2

 E592FF

 2B0096

 FFAEFF

 00007C

 FFCBFF

 000062

 FFE7FF

 000649

 000431

 00011B

 000000

■ 8B41EB

■ 8B41EB

■ 7E29EB

■ 9858EB

■ 7012EB

■ A670EB

■ 6600EB

■ B387EB

■ C09FEB

■ CDB6EB

■ DBCEE8

■ E8E5EB

■ F5FDEB

■ FFFFEB

Harmonies

Analogous

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



0070FF



8B41EB



DD00A5

Triad

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



8B41EB



AE5400



008B8A

Complementary

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



8B41EB



A1EB41

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.



008932



8B41EB



6B7300

Square

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



8B41EB



DF0000



008200



008CD8

Rectangle

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



8B41EB



F1006F



008200



008B6D

Sweetspot

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



8B41EB



DFC7FF



41A1EB



6D5E80



000000



808080

Same Dimension

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



8B41EB



8221FF



E041EB



6F6A75



4F00B5



170036

Inverse Universe

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



EB41A1



FF219E



4CEB41



756A70



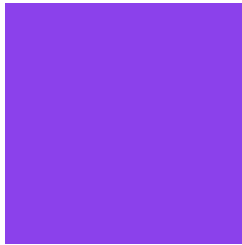
B50066



36001E

Previews

White Background



This preview shows how the Hex color 8B41EB 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

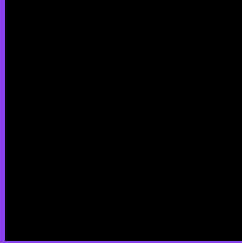
Any Text WCAG AA × Fail

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 8B41EB Background



This preview shows how black text looks on a background with the Hex color 8B41EB.

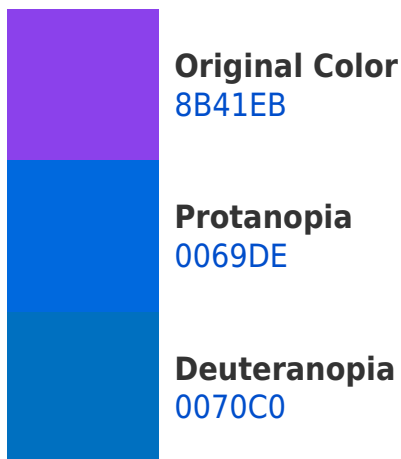



This preview shows how white text looks on a background with the Hex color 8B41EB.

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](#).

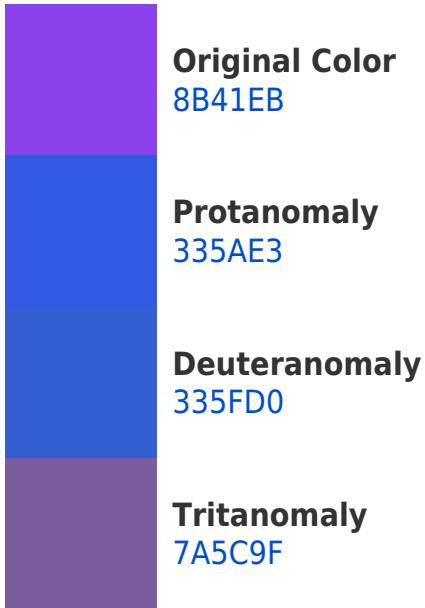
Dichromacy





Tritanopia
706B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8B41EB 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 #8B41EB looks like.

```
.text, #text, p{  
    color:#8B41EB  
}
```

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 #8B41EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B41EB
}
```

Border

The CSS property to change the border of an element to Hex 8B41EB 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
#8B41EB }
```

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

```
.border{ border-color:#8B41EB }
```

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

Here you see how a box with a 4 pixel #8B41EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B41EB; -webkit-box-shadow:4px 4px  
4px 4px #8B41EB; box-shadow:4px 4px 4px  
4px #8B41EB }
```

Background

The CSS property to change the background color of an element to Hex 8B41EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B41EB }
```

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

```
.background{ background-color:#8B41EB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor