

Converting Colors

Hex(8B00EF)

Have a look what the booklet for
Hex(8B00EF) contains.

Hex(8B00EF)	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(8B00EF)

Conversions

Conversions Part 1

Format	Color
Hex	8B00EF
RGB	139, 0, 239
RGB Percent	55%, 0%, 94%
CMY	0.4549, 1.0000, 0.0627
CMYK	0.42, 1.00, 0.00, 0.06
HSL	275°, 100%, 47%
HSV	275°, 100%, 94%
XYZ	26.2274, 11.7210, 82.5414
YIQ	68.8070, 6.1250, 103.7970

Conversions

Conversions Part 2

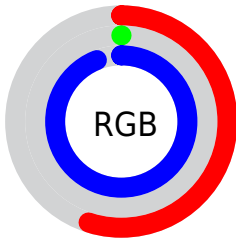
Format	Color
R_{YB}	139, 0, 239
Decimal	9109743
CIE _{Lab}	40.77, 80.82, -84.48
CIE _{LCh}	41, 116.919, 313.732
Yxy	11.7210, 0.2177, 0.0973
Android (android.graphics.Color)	4287299823 (0xFF8B00EF)
YUV	68.8070, 83.9051, 61.5593
Hunter-Lab	34.2359, 76.8326, -118.9807

Details

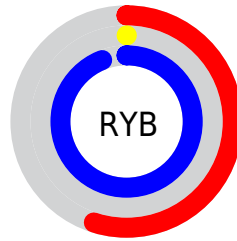
The Hex color **8B00EF** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark washed purple. A complement of this color would be **64EF00**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **C953FF**, and **4A00B5** is the 20% darker color. If you saturate the color by 10%, you get **8B00EF**, and if you desaturate by 10%, it is **9518EF**.

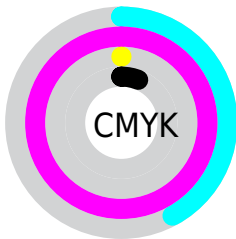
Distribution



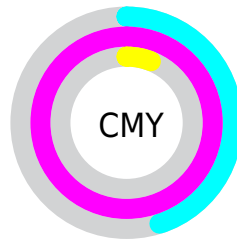
- Red (55%)
- Green (0%)
- Blue (94%)



- Red (55%)
- Yellow (0%)
- Blue (94%)



- Cyan (42%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)



- Cyan (45%)
- Magenta (100%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B00EF 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 8B00EF by changing the saturation by 10% instead.

 8B00EF

 8B00EF

FFFFFF

 6C00D2

 C953FF

 4A00B5

 E871FF

 22009A

 FF8EFF

 00007F

 FFABFF

 000064

 FFC8FF

 00094B

 FFE5FF

 000434

 00021D

 000000

 8B00EF

 9518EF

 9F30EF

 A948EF

 B360EF

 BD77EF

 C78FEF

 D1A7EF

 DBBF EF

 E5D7EF

Harmonies

Analogous

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



0063FF



8B00EF



E60098

Triad

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



8B00EF



9F4700



00808C

Complementary

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



8B00EF



64EF00

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.



007D23



8B00EF



4C6A00

Square

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



8B00EF



DA0000



007800



0082E7

Rectangle

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



8B00EF



F7005A



007800



007F6B

Sweetspot

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



8B00EF



DFB3FF



0068EF



6C5280



000000



808080

Same Dimension

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



8B00EF



9400FF



EF00DF



736C78



6B00B8



210038

Inverse Universe

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



EF0064



FF006B



00EF10



786C71



B8004D



380017

Previews

White Background



This preview shows how the Hex color 8B00EF looks on a white background.

Color Contrast Check

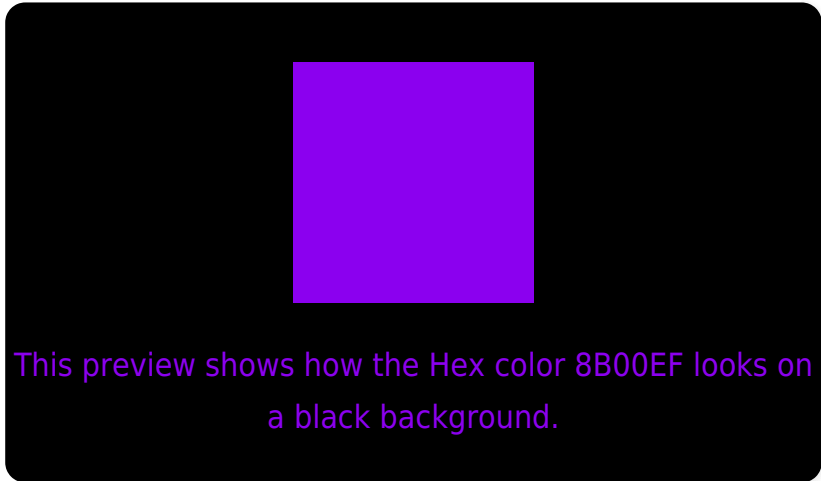
Large Text (above 18pt) WCAG AA ✓ Pass

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

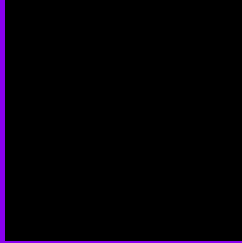
Any Text WCAG AA × Fail

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 8B00EF Background



This preview shows how black text looks on a background with the Hex color 8B00EF.

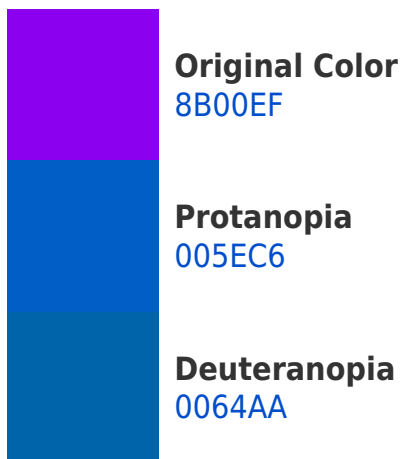


This preview shows how white text looks on a background with the Hex color 8B00EF.

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](#).

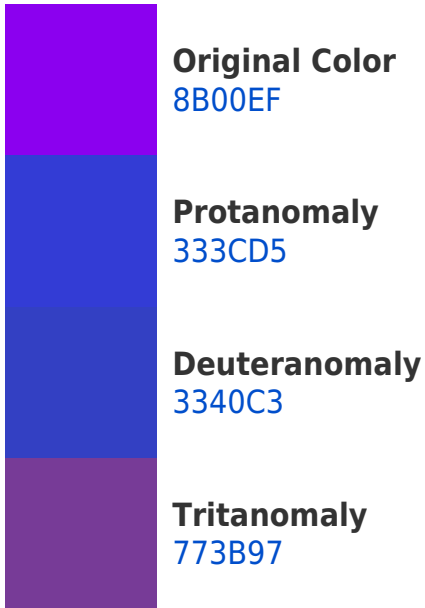
Dichromacy



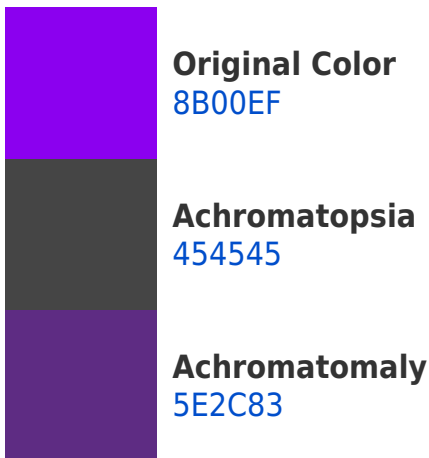


Tritanopia
6C5D65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8B00EF 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 #8B00EF looks like.

```
.text, #text, p{  
    color:#8B00EF  
}
```

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 #8B00EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B00EF
}
```

Border

The CSS property to change the border of an element to Hex 8B00EF 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".

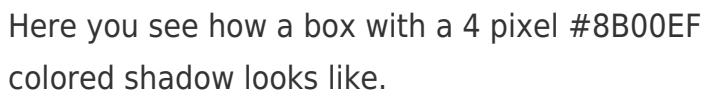
```
.border, #border, table{ border:4px solid
#8B00EF }
```

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

```
.border{ border-color:#8B00EF }
```

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

Here you see how a box with a 4 pixel #8B00EF colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B00EF; -webkit-box-shadow:4px 4px  
4px 4px #8B00EF; box-shadow:4px 4px 4px  
4px #8B00EF }
```

Background

The CSS property to change the background color of an element to Hex 8B00EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B00EF }
```

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

```
.background{ background-color:#8B00EF }
```

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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