

# Converting Colors

Hex(8F00BF)

Have a look what the booklet for  
Hex(8F00BF) contains.

<b>Hex(8F00BF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8F00BF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F00BF
RGB	143, 0, 191
RGB Percent	56%, 0%, 75%
CMY	0.4392, 1.0000, 0.2510
CMYK	0.25, 1.00, 0.00, 0.25
HSL	285°, 100%, 37%
HSV	285°, 100%, 75%
XYZ	20.7317, 9.6012, 50.0508
YIQ	64.5310, 23.9170, 89.7170

# Conversions

## Conversions Part 2

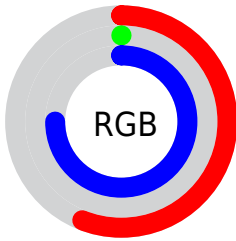
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 0, 191
Decimal	9371839
CIE <sub>Lab</sub>	37.12, 72.03, -62.77
CIE <sub>LCh</sub>	37, 95.540, 318.927
Yxy	9.6012, 0.2579, 0.1194
Android (android.graphics.Color)	4287561919 (0xFF8F00BF)
YUV	64.5310, 62.3492, 68.8173
Hunter-Lab	30.9858, 65.2035, -74.0797

# Details

The Hex color **8F00BF** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **30BF00**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **CA50F8**, and **550088** is the 20% darker color. If you saturate the color by 10%, you get **8F00BF**, and if you desaturate by 10%, it is **9413BF**.

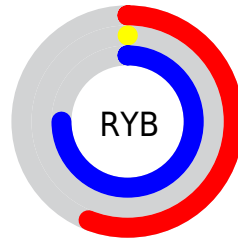
# Distribution



Red (56%)

Green (0%)

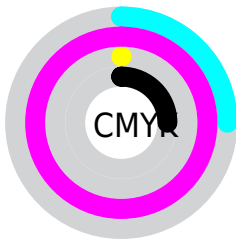
Blue (75%)



Red (56%)

Yellow (0%)

Blue (75%)

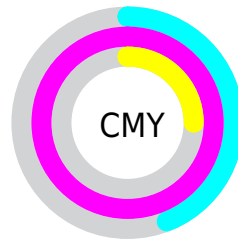


Cyan (25%)

Magenta (100%)

Yellow (0%)

Black (25%)



Cyan (44%)

Magenta (100%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F00BF 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 8F00BF by changing the saturation by 10% instead.





8F00BF



8F00BF

FFFFFF



7200A3



CA50F8



550088



E86DFF



38006E



FF89FF



1A0055



FFA6FF



00003C



FFC3FF



000226



FFE0FF



00010E



FFFEFF



000000



8F00BF

 9413BF

 9926BF

 9D39BF

 A24CBF

 A760BF

 AC73BF

 B186BF

 B599BF

 BAACBF

# Harmonies

## Analogous

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



0052EE



8F00BF



CA0077

# Triad

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



8F00BF



824A00



007388

# Complementary

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



8F00BF



30BF00

# 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.



007137



8F00BF



3B6200

# Square

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



8F00BF



B50000



006D00



0073CD

# Rectangle

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



8F00BF



D30045



006D00



00726E



# Sweetspot

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



8F00BF



E5ADF7



0033BF



72507D



FCFCFC



7D7D7D



# Same Dimension

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



8F00BF



B900F7



BF0092



5C555E



76009E



17001F



# Inverse Universe

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



BF0030



F7003E



00BF2D



5E5557



9E0028



1F0008



# Previews

## White Background



This preview shows how the Hex color 8F00BF looks on a white background.

## Color Contrast Check

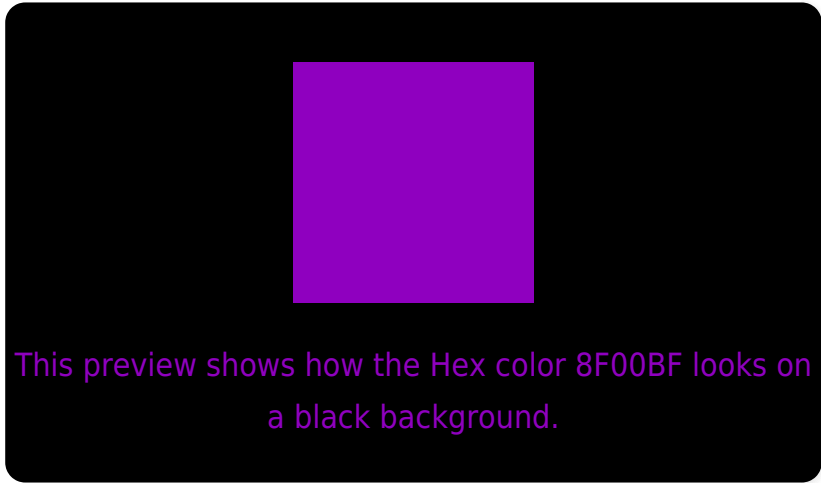
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

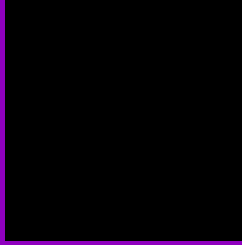
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8F00BF Background



This preview shows how black text looks on a background with the Hex color 8F00BF.



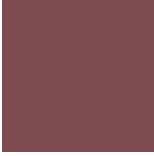
This preview shows how white text looks on a background with the Hex color 8F00BF.

# 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](#).

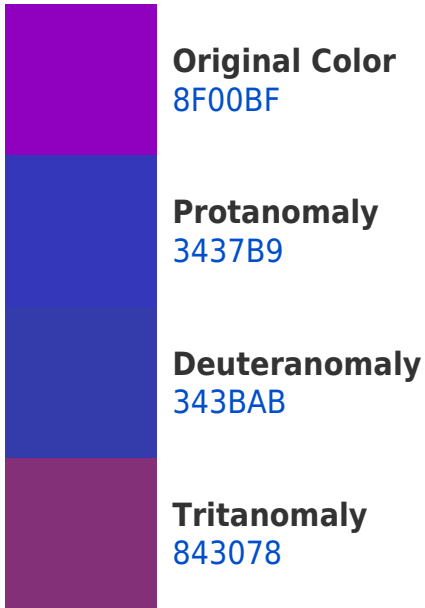
## Dichromacy



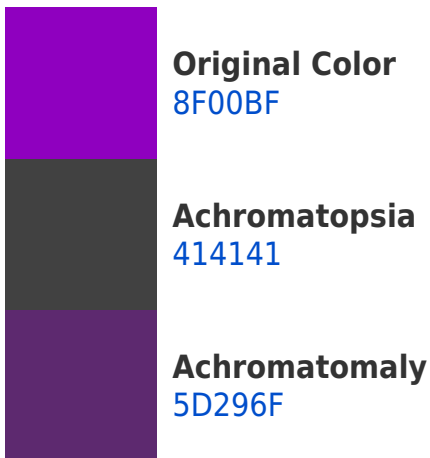


**Tritanopia**  
7E4B50

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F00BF 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 #8F00BF looks like.

```
.text, #text, p{  
    color:#8F00BF  
}
```

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 #8F00BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F00BF
}
```

## Border

The CSS property to change the border of an element to Hex 8F00BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

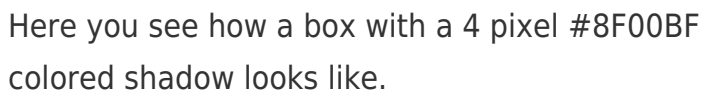
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8F00BF }
```

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

```
.border{ border-color:#8F00BF }
```

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



Here you see how a box with a 4 pixel #8F00BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F00BF; -webkit-box-shadow:4px 4px  
4px 4px #8F00BF; box-shadow:4px 4px 4px  
4px #8F00BF }
```

# Background

The CSS property to change the background color of an element to Hex 8F00BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F00BF }
```

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

```
.background{ background-color:#8F00BF }
```

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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