

# Converting Colors

Hex(8B00BF)

Have a look what the booklet for  
Hex(8B00BF) contains.

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**Color**

**Hex(8B00BF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B00BF
RGB	139, 0, 191
RGB Percent	55%, 0%, 75%
CMY	0.4549, 1.0000, 0.2510
CMYK	0.27, 1.00, 0.00, 0.25
HSL	284°, 100%, 37%
HSV	284°, 100%, 75%
XYZ	20.0514, 9.2506, 50.0189
YIQ	63.3350, 21.5330, 88.8690

# Conversions

## Conversions Part 2

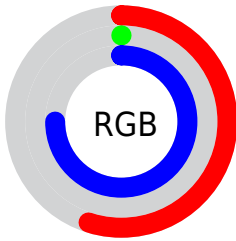
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 0, 191
Decimal	9109695
CIE <sub>Lab</sub>	36.46, 71.52, -63.87
CIE <sub>LCh</sub>	36, 95.886, 318.235
Yxy	9.2506, 0.2528, 0.1166
Android (android.graphics.Color)	4287299775 (0xFF8B00BF)
YUV	63.3350, 62.9388, 66.3582
Hunter-Lab	30.4147, 64.4534, -76.2158

# Details

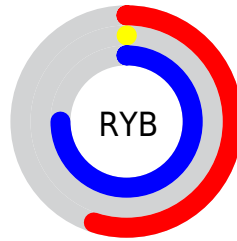
The Hex color **8B00BF** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **34BF00**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **C64FF8**, and **510088** is the 20% darker color. If you saturate the color by 10%, you get **8B00BF**, and if you desaturate by 10%, it is **9013BF**.

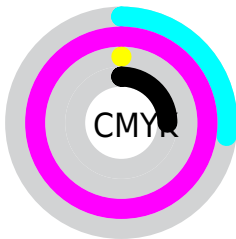
# Distribution



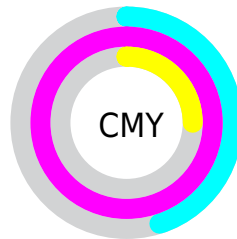
- Red (55%)
- Green (0%)
- Blue (75%)



- Red (55%)
- Yellow (0%)
- Blue (75%)



- Cyan (27%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (45%)
- Magenta (100%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B00BF 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 8B00BF by changing the saturation by 10% instead.



 8B00BF

 8B00BF

FFFFFF

 6E00A3

 C64FF8

 510088

 E46CFF

 33006E

 FF88FF

 120055

 FFA5FF

 00003C

 FFC2FF

 000226

 FFDFFF

 00010E

 FFFDFF

 000000

 8B00BF

 9013BF

 9526BF

 9B39BF

 A04CBF

 A560BF

 AA73BF

 AF86BF

 B599BF

 BAACBF

# Harmonies

## Analogous

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



0052ED



8B00BF



C80078

# Triad

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



8B00BF



824800



007185

# Complementary

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



8B00BF



34BF00

# 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.



006F33



8B00BF



3B6000

# Square

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



8B00BF



B40000



006B00



0071CB

# Rectangle

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



8B00BF



D20045



006B00



00706A



# Sweetspot

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



8B00BF



E3ADF7



0036BF



71507D



FCFCFC



7D7D7D



# Same Dimension

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



8B00BF



B400F7



BF0096



5C555E



73009E



16001F



# Inverse Universe

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



BF0034



F70043



00BF29



5E5557



9E002B



1F0008



# Previews

## White Background



This preview shows how the Hex color 8B00BF looks on a white background.

## Color Contrast Check

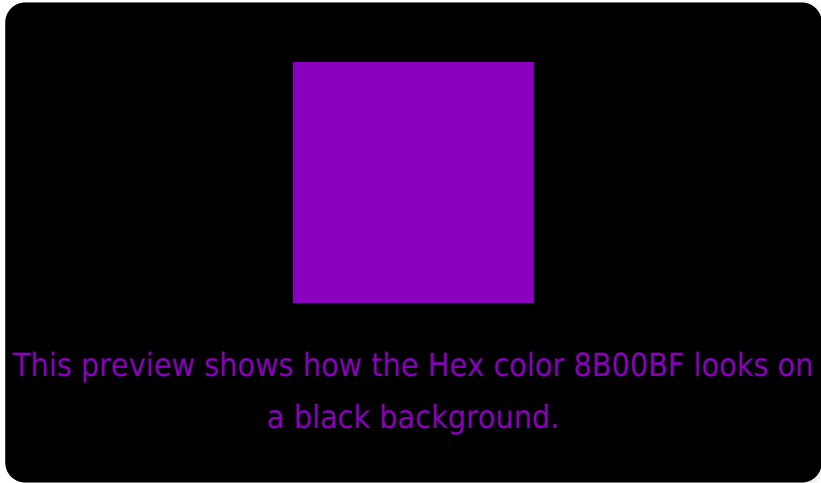
Large Text (above 18pt) WCAG AA ✓ Pass

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

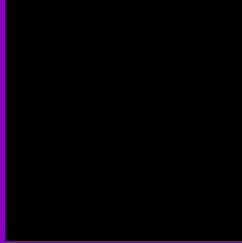
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B00BF Background



This preview shows how black text looks on a background with the Hex color 8B00BF.



This preview shows how white text looks on a background with the Hex color 8B00BF.

# 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



# Trichromacy



**Original Color**  
8B00BF

**Protanomaly**  
3336B7

**Tritanomaly**  
803078

# Monochromacy



**Original Color**  
8B00BF

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
5B286E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B00BF 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 #8B00BF looks like.

```
.text, #text, p{  
    color:#8B00BF  
}
```

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 #8B00BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B00BF
}
```

## Border

The CSS property to change the border of an element to Hex 8B00BF 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
#8B00BF }
```

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

```
.border{ border-color:#8B00BF }
```

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

Here you see how a box with a 4 pixel #8B00BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B00BF; -webkit-box-shadow:4px 4px  
4px 4px #8B00BF; box-shadow:4px 4px 4px  
4px #8B00BF }
```

# Background

The CSS property to change the background color of an element to Hex 8B00BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B00BF }
```

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

```
.background{ background-color:#8B00BF }
```

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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