

# Converting Colors

Hex(8B00F0)

Have a look what the booklet for  
Hex(8B00F0) contains.

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**Color**

**Hex(8B00F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B00F0
RGB	139, 0, 240
RGB Percent	55%, 0%, 94%
CMY	0.4549, 1.0000, 0.0588
CMYK	0.42, 1.00, 0.00, 0.06
HSL	275°, 100%, 47%
HSV	275°, 100%, 94%
XYZ	26.3756, 11.7802, 83.3217
YIQ	68.9210, 5.8040, 104.1080

# Conversions

## Conversions Part 2

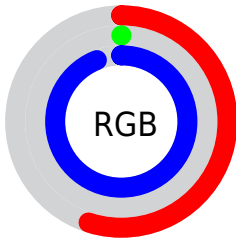
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 0, 240
Decimal	9109744
CIE <sub>Lab</sub>	40.86, 81.02, -84.89
CIE <sub>LCh</sub>	41, 117.352, 313.665
Yxy	11.7802, 0.2171, 0.0970
Android (android.graphics.Color)	4287299824 (0xFF8B00F0)
YUV	68.9210, 84.3419, 61.4593
Hunter-Lab	34.3224, 77.1075, -119.9081

# Details

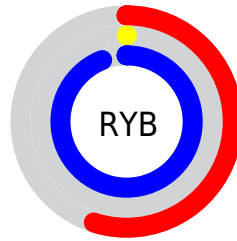
The Hex color **8B00F0** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **65F000**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **C953FF**, and **4A00B6** is the 20% darker color. If you saturate the color by 10%, you get **8B00F0**, and if you desaturate by 10%, it is **9518F0**.

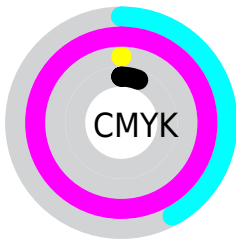
# Distribution



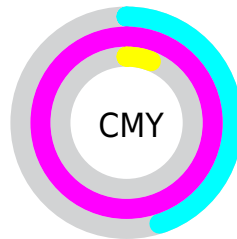
- Red (55%)
- Green (0%)
- Blue (94%)



- 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 8B00F0 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 8B00F0 by changing the saturation by 10% instead.



 8B00F0

 8B00F0

FFFFFF

 6C00D3

 C953FF

 4A00B6

 E871FF

 21009B

 FF8EFF

 000080

 FFABFF

 000065

 FFC8FF

 00094C

 FFE6FF

 000434

 00021E

 000000

 8B00F0

 9518F0

 9F30F0

 A948F0

 B360F0

 BD78F0

 C890F0

 D2A8F0

 DCC0F0

 E6D8F0

# Harmonies

## Analogous

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



0063FF



8B00F0



E60099

# Triad

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



8B00F0



9F4700



00808C

# Complementary

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



8B00F0



65F000

# 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



8B00F0



4C6A00

# Square

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



8B00F0



DA0000



007800



0082E8

# Rectangle

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



8B00F0



F8005A



007800



007F6B



# Sweetspot

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



8B00F0



DFB3FF



0068F0



6C5280



000000



808080



# Same Dimension

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



8B00F0



9400FF



F000E0



736C78



6A00B8



200038



# Inverse Universe

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



F00065



FF006B



00F010



786C71



B8004D

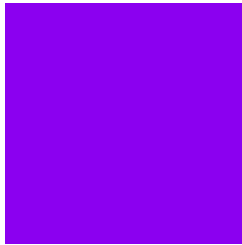


380018



# Previews

## White Background



This preview shows how the Hex color 8B00F0 looks on a white background.

## Color Contrast Check

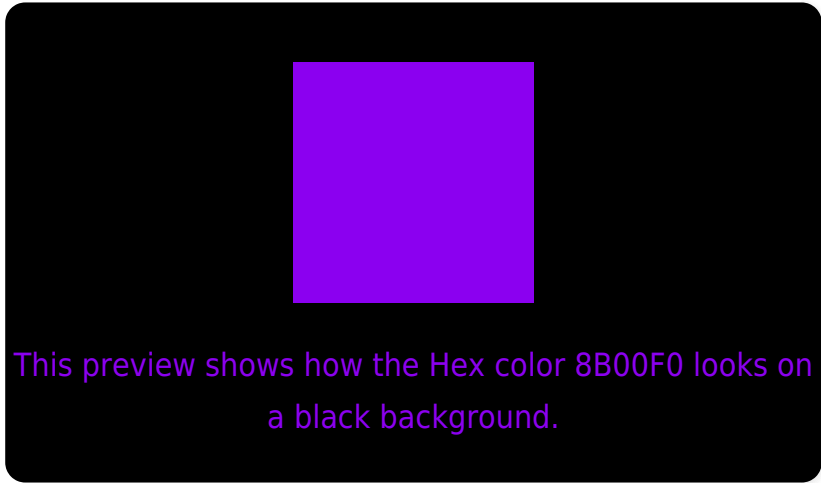
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B00F0 Background



This preview shows how black text looks on a background with the Hex color 8B00F0.

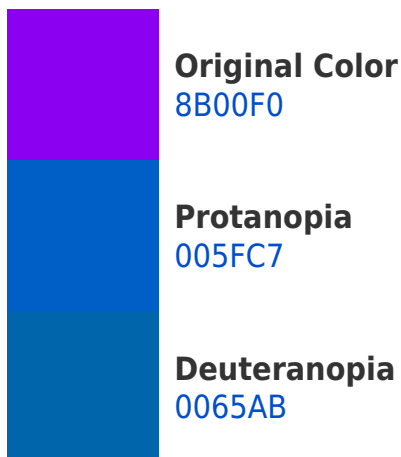


This preview shows how white text looks on a background with the Hex color 8B00F0.

# 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**  
6C5E65

# Trichromacy



**Original Color**  
8B00F0



**Protanomaly**  
333CD6



**Deuteranomaly**  
3340C4



**Tritanomaly**  
773C98

# Monochromacy



**Original Color**  
8B00F0



**Achromatopsia**  
454545



**Achromatomaly**  
5E2C83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B00F0 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 #8B00F0 looks like.

```
.text, #text, p{  
    color:#8B00F0  
}
```

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 #8B00F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B00F0
}
```

## Border

The CSS property to change the border of an element to Hex 8B00F0 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
#8B00F0 }
```

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

```
.border{ border-color:#8B00F0 }
```

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

Here you see how a box with a 4 pixel #8B00F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B00F0; -webkit-box-shadow:4px 4px  
4px 4px #8B00F0; box-shadow:4px 4px 4px  
4px #8B00F0 }
```

# Background

The CSS property to change the background color of an element to Hex 8B00F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B00F0 }
```

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

```
.background{ background-color:#8B00F0 }
```

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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