

# Converting Colors

Hex(8F00E5)

Have a look what the booklet for  
Hex(8F00E5) contains.

<b>Hex(8F00E5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(8F00E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8F00E5
RGB	143, 0, 229
RGB Percent	56%, 0%, 90%
CMY	0.4392, 1.0000, 0.1020
CMYK	0.38, 1.00, 0.00, 0.10
HSL	277°, 100%, 45%
HSV	277°, 100%, 90%
XYZ	25.4705, 11.4968, 75.0054
YIQ	68.8630, 11.7190, 101.5350

# Conversions

## Conversions Part 2

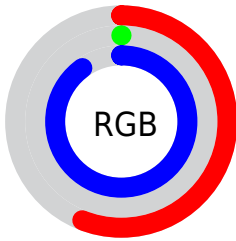
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 0, 229
Decimal	9371877
CIE Lab	40.40, 79.23, -79.38
CIE LCh	40, 112.159, 314.945
Yxy	11.4968, 0.2275, 0.1027
Android (android.graphics.Color)	4287561957 (0xFF8F00E5)
YUV	68.8630, 78.9475, 65.0181
Hunter-Lab	33.9069, 74.7504, -107.4204

# Details

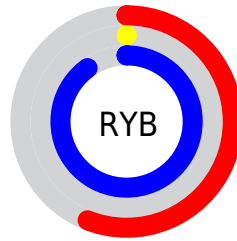
The Hex color **8F00E5** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **56E500**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **CC53FF**, and **5100AC** is the 20% darker color. If you saturate the color by 10%, you get **8F00E5**, and if you desaturate by 10%, it is **9817E5**.

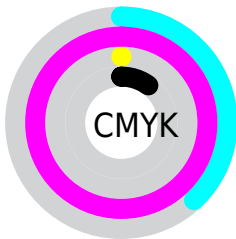
# Distribution



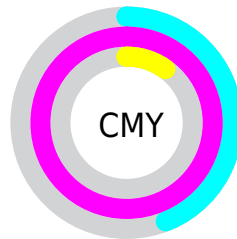
- Red (56%)
- Green (0%)
- Blue (90%)



- Red (56%)
- Yellow (0%)
- Blue (90%)



- Cyan (38%)
- Magenta (100%)
- Yellow (0%)
- Black (10%)



- Cyan (44%)
- Magenta (100%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F00E5 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 8F00E5 by changing the saturation by 10% instead.



 8F00E5

 8F00E5

FFFFFF

 7000C8

 CC53FF

 5100AC

 EB71FF

 2E0090

 FF8DFF

 000076

 FFAAFF

 00005C

 FFC8FF

 000743

 FFE5FF

 00032C

 000116

 000000

 8F00E5

 9817E5

 A02EE5

 A945E5

 B15CE5

 BA73E5

 C389E5

 CBA0E5

 D4B7E5

 DCCEE5

# Harmonies

## Analogous

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



0060FF



8F00E5



E10092

# Triad

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



8F00E5



994900



007E8D

# Complementary

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



8F00E5



56E500

# 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.



007B2A



8F00E5



486A00

# Square

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



8F00E5



D30000



007700



0080E3

# Rectangle

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



8F00E5



F10056



007700



007D6D



# Sweetspot

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



8F00E5



E2B3FF



0058E5



6E5280



000000



808080



# Same Dimension

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



8F00E5



9F00FF



E500CA



6E6773



6F00B3



200033



# Inverse Universe

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



E50056



FF0060



00E51B



73676C



B30043

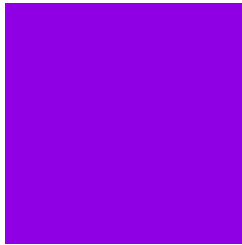


330013



# Previews

## White Background



This preview shows how the Hex color 8F00E5 looks on a white background.

## Color Contrast Check

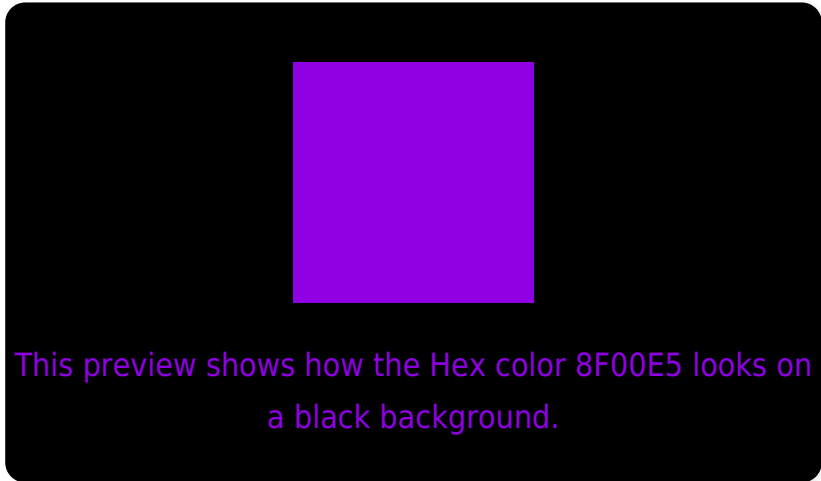
Large Text (above 18pt) WCAG AA ✓ Pass

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

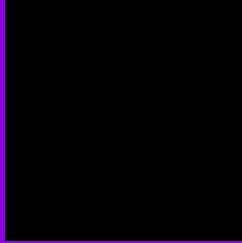
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8F00E5 Background



This preview shows how black text looks on a background with the Hex color 8F00E5.

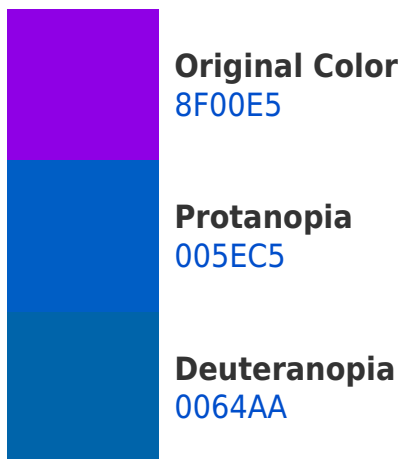



This preview shows how white text looks on a background with the Hex color 8F00E5.

# 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**  
755960

# Trichromacy



**Original Color**  
8F00E5



**Protanomaly**  
343CD1



**Deuteranomaly**  
3440BF



**Tritanomaly**  
7E3990

# Monochromacy



**Original Color**  
8F00E5



**Achromatopsia**  
454545



**Achromatomaly**  
602C7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F00E5 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 #8F00E5 looks like.

```
.text, #text, p{  
    color:#8F00E5  
}
```

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 #8F00E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F00E5
}
```

## Border

The CSS property to change the border of an element to Hex 8F00E5 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".

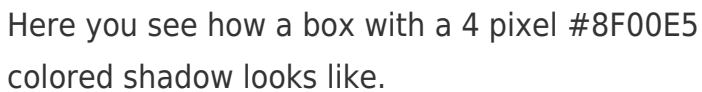
```
.border, #border, table{ border:4px solid
#8F00E5 }
```

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

```
.border{ border-color:#8F00E5 }
```

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

Here you see how a box with a 4 pixel #8F00E5 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F00E5; -webkit-box-shadow:4px 4px  
4px 4px #8F00E5; box-shadow:4px 4px 4px  
4px #8F00E5 }
```

# Background

The CSS property to change the background color of an element to Hex 8F00E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F00E5 }
```

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

```
.background{ background-color:#8F00E5 }
```

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