

# Converting Colors

Hex(8F49E9)

Have a look what the booklet for  
Hex(8F49E9) contains.

<b>Hex(8F49E9)</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> .....	28

# Color

**Hex(8F49E9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F49E9
RGB	143, 73, 233
RGB Percent	56%, 29%, 91%
CMY	0.4392, 0.7137, 0.0863
CMYK	0.39, 0.69, 0.00, 0.09
HSL	266°, 78%, 60%
HSV	266°, 69%, 91%
XYZ	28.4182, 16.4879, 78.7755
YIQ	112.1700, -9.6400, 64.6000

# Conversions

## Conversions Part 2

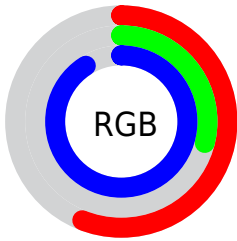
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	143, 73, 233
Decimal	9390569
CIE <sub>Lab</sub>	47.61, 60.17, -69.88
CIE <sub>LCh</sub>	48, 92.210, 310.731
Y <sub>xy</sub>	16.4879, 0.2298, 0.1333
Android (android.graphics.Color)	4287580649 (0xFF8F49E9)
YUV	112.1700, 59.5692, 27.0379
Hunter-Lab	40.6053, 53.8665, -86.6006

# Details

The Hex color **8F49E9** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **A3E949**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **CA7EFF**, and **540EB0** is the 20% darker color. If you saturate the color by 10%, you get **8232E9**, and if you desaturate by 10%, it is **9C60E9**.

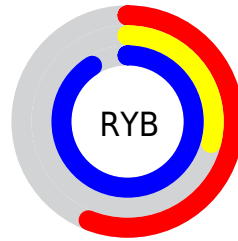
# Distribution



Red (56%)

Green (29%)

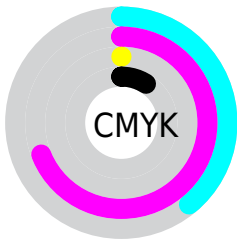
Blue (91%)



Red (56%)

Yellow (29%)

Blue (91%)

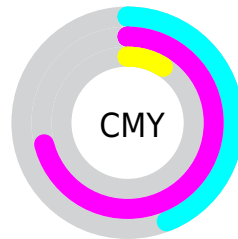


Cyan (39%)

Magenta (69%)

Yellow (0%)

Black (9%)



Cyan (44%)

Magenta (71%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F49E9 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 8F49E9 by changing the saturation by 10% instead.



 8F49E9

 8F49E9

FFFFFF

 722ECC

 CA7EFF

 540EB0

 E89AFF

 330095

 FFB5FF

 00007A

 FFD2FF

 000060

 FFEFFF

 000347

 000430

 00011A

 000000

 8F49E9

 8F49E9

 8232E9

 9C60E9

 751AE9

 A978E9

 6803E9

 B68FE9

 6600E9

 C3A6E9

 D1BEE9

 DED5E9

 EBECE9

 F8FFE9

 FFFFE9

# Harmonies

## Analogous

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



0073FF



8F49E9



DD00A6

# Triad

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



8F49E9



B25900



008F8C

# Complementary

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



8F49E9



A3E949

# 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.



008C39



8F49E9



717700

# Square

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



8F49E9



E01904



008600



008FD6

# Rectangle

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



8F49E9



F00073



008600



008E71



# Sweetspot

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



8F49E9



E1C9FF



49A4E9



6E6080



000000



808080



# Same Dimension

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



8F49E9



892EFF



DE49E9



6F6A75



4F00B5



170036



# Inverse Universe

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



E949A3



FF2EA4



54E949



756A70



B50066

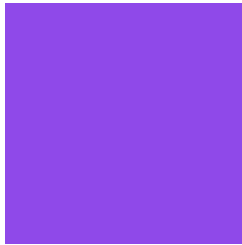


36001E



# Previews

## White Background



This preview shows how the Hex color 8F49E9 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

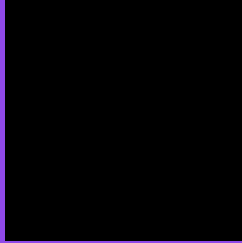
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8F49E9 Background



This preview shows how black text looks on a background with the Hex color 8F49E9.



This preview shows how white text looks on a background with the Hex color 8F49E9.

# 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



**Original Color**  
8F49E9

**Deuteranopia**  
0074C8

**Tritanopia**  
776E77

# Trichromacy



**Original Color**  
8F49E9



**Deuteranomaly**  
3464D4

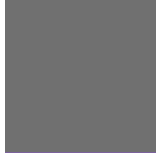


**Tritanomaly**  
8061A0

# Monochromacy



**Original Color**  
8F49E9



**Achromatopsia**  
707070



**Achromatomaly**  
7B629C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F49E9 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 #8F49E9 looks like.

```
.text, #text, p{  
    color:#8F49E9  
}
```

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 #8F49E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F49E9
}
```

## Border

The CSS property to change the border of an element to Hex 8F49E9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

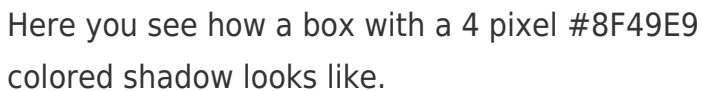
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8F49E9 }
```

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

```
.border{ border-color:#8F49E9 }
```

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



Here you see how a box with a 4 pixel #8F49E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F49E9; -webkit-box-shadow:4px 4px  
4px 4px #8F49E9; box-shadow:4px 4px 4px  
4px #8F49E9 }
```

# Background

The CSS property to change the background color of an element to Hex 8F49E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F49E9 }
```

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

```
.background{ background-color:#8F49E9 }
```

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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