

# Converting Colors

Hex(8F45D5)

Have a look what the booklet for  
Hex(8F45D5) contains.

<b>Hex(8F45D5)</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(8F45D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8F45D5
RGB	143, 69, 213
RGB Percent	56%, 27%, 84%
CMY	0.4392, 0.7294, 0.1647
CMYK	0.33, 0.68, 0.00, 0.16
HSL	271°, 63%, 55%
HSV	271°, 68%, 84%
XYZ	25.4661, 14.9000, 64.4846
YIQ	107.5420, -2.1200, 60.4720

# Conversions

## Conversions Part 2

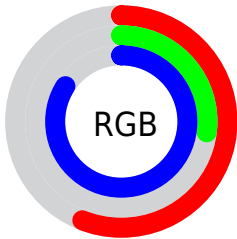
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 69, 213
Decimal	9389525
CIE Lab	45.50, 57.26, -61.93
CIE LCh	45, 84.346, 312.760
Yxy	14.9000, 0.2429, 0.1421
Android (android.graphics.Color)	4287579605 (0xFF8F45D5)
YUV	107.5420, 51.9908, 31.0967
Hunter-Lab	38.6005, 50.2116, -72.0274

# Details

The Hex color **8F45D5** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **8BD545**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **C97AFF**, and **56089D** is the 20% darker color. If you saturate the color by 10%, you get **8530D5**, and if you desaturate by 10%, it is **995AD5**.

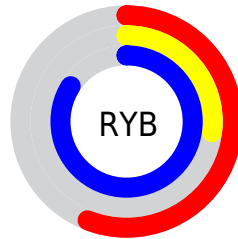
# Distribution



Red (56%)

Green (27%)

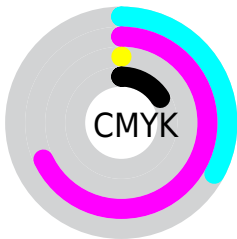
Blue (84%)



Red (56%)

Yellow (27%)

Blue (84%)

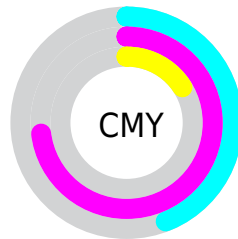


Cyan (33%)

Magenta (68%)

Yellow (0%)

Black (16%)



Cyan (44%)

Magenta (73%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F45D5 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 8F45D5 by changing the saturation by 10% instead.



8F45D5

8F45D5

FFFFFF

722AB9

C97AFF

56089D

E795FF

380082

FFB1FF

160068

FFCDDF

00004F

FFE AFF

000537

000221

000006

000000

 8F45D5

 8F45D5

 8530D5

 995AD5

 7A1AD5

 A470D5

 7005D5

 AE85D5

 6D00D5

 B89AD5

 C3B0D5

 CDC5D5

 D7DAD5

 E2EFD5

 ECFFD5

# Harmonies

## Analogous

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



006CF8



8F45D5



D10097

# Triad

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



8F45D5



A45900



008889

# Complementary

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



8F45D5



8BD545

# 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.



00853E



8F45D5



687200

# Square

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



8F45D5



CF2904



007F00



0087CB

# Rectangle

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



8F45D5



E10069



007F00



008771



# Sweetspot

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



8F45D5



E6CCFF



458DD5



716180



000000



808080



# Same Dimension

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



8F45D5



9B30FF



D545D5



66606B



5800AB



16002B



# Inverse Universe

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



D5458B



FF3095



45D545



6B6066



AB0053

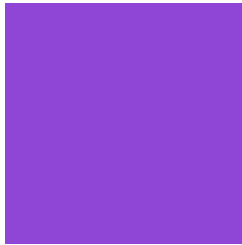


2B0015



# Previews

## White Background



This preview shows how the Hex color 8F45D5 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

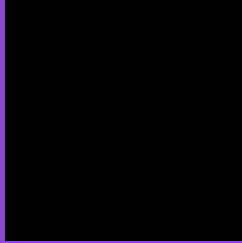
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8F45D5 Background



This preview shows how black text looks on a background with the Hex color 8F45D5.

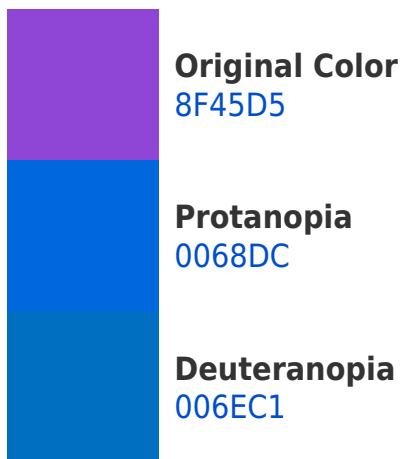


This preview shows how white text looks on a background with the Hex color 8F45D5.

# 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**  
7B666E

# Trichromacy



**Original Color**  
8F45D5



**Protanomaly**  
345BD9



**Deuteranomaly**  
345FC8



**Tritanomaly**  
825A93

# Monochromacy



**Original Color**  
8F45D5



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
795E92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F45D5 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 #8F45D5 looks like.

```
.text, #text, p{  
    color:#8F45D5  
}
```

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 #8F45D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F45D5
}
```

## Border

The CSS property to change the border of an element to Hex 8F45D5 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
#8F45D5 }
```

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

```
.border{ border-color:#8F45D5 }
```

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

Here you see how a box with a 4 pixel #8F45D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F45D5; -webkit-box-shadow:4px 4px  
4px 4px #8F45D5; box-shadow:4px 4px 4px  
4px #8F45D5 }
```

# Background

The CSS property to change the background color of an element to Hex 8F45D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F45D5 }
```

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

```
.background{ background-color:#8F45D5 }
```

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