

# Converting Colors

Hex(8E41F5)

Have a look what the booklet for  
Hex(8E41F5) contains.

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**Color**

**Hex(8E41F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E41F5
RGB	142, 65, 245
RGB Percent	56%, 25%, 96%
CMY	0.4431, 0.7451, 0.0392
CMYK	0.42, 0.73, 0.00, 0.04
HSL	266°, 90%, 61%
HSV	266°, 73%, 96%
XYZ	29.5271, 16.1239, 87.9422
YIQ	108.5430, -11.8880, 72.3040

# Conversions

## Conversions Part 2

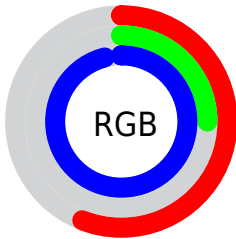
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 65, 245
Decimal	9322997
CIE <sub>Lab</sub>	47.14, 66.49, -77.40
CIE <sub>LCh</sub>	47, 102.039, 310.666
Yxy	16.1239, 0.2210, 0.1207
Android (android.graphics.Color)	4287513077 (0xFF8E41F5)
YUV	108.5430, 67.2733, 29.3418
Hunter-Lab	40.1546, 60.9864, -101.7421

# Details

The Hex color **8E41F5** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **A8F541**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **CA78FF**, and **5000BB** is the 20% darker color. If you saturate the color by 10%, you get **8029F5**, and if you desaturate by 10%, it is **9C5AF5**.

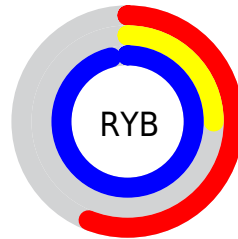
# Distribution



Red (56%)

Green (25%)

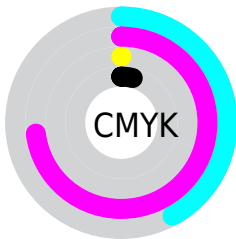
Blue (96%)



Red (56%)

Yellow (25%)

Blue (96%)

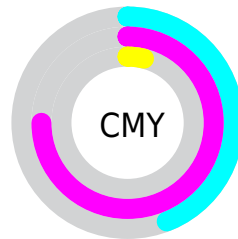


Cyan (42%)

Magenta (73%)

Yellow (0%)

Black (4%)



Cyan (44%)

Magenta (75%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E41F5 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 8E41F5 by changing the saturation by 10% instead.



 8E41F5

 8E41F5

FFFFFF

 7024D8

 CA78FF

 5000BB

 E993FF

 2C00A0

 FFAFFF

 000084

 FFCCFF

 00006A

 FFE9FF

 000251

 000539

 000222

 000009

 8E41F5

 8E41F5

 8029F5

 9C5AF5

 7210F5

 AA72F5

 6900F5

 B88BF5

 C6A3F5

 D4BBF5

 E2D4F5

 F0ECF5

 FEFFF5

 FFFFF5

# Harmonies

## Analogous

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



0073FF



8E41F5



E600AB

# Triad

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



8E41F5



B45500



00908E

# Complementary

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



8E41F5



A8F541

# 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.



008D31



8E41F5



6D7600

# Square

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



8E41F5



E70000



008600



0090E0

# Rectangle

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



8E41F5



FA0072



008600



008F70



# Sweetspot

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



8E41F5



DFC7FF



41AAF5



6D5E80



000000



808080



# Same Dimension

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



8E41F5



7F1FFF



E641F5



736E7A



5000BA



19003B



# Inverse Universe

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



F541A8



FF1F9F



50F541



7A6E75



BA006B

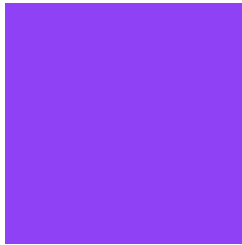


3B0022



# Previews

## White Background



This preview shows how the Hex color 8E41F5 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

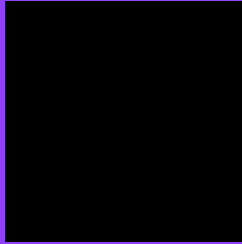
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8E41F5 Background



This preview shows how black text looks on a background with the Hex color 8E41F5.

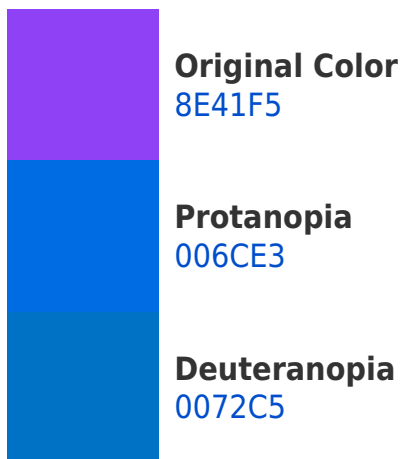


This preview shows how white text looks on a background with the Hex color 8E41F5.

# 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**  
716E77

# Trichromacy



**Original Color**  
8E41F5



**Protanomaly**  
345CEA



**Deuteranomaly**  
3460D6



**Tritanomaly**  
7C5EA5

# Monochromacy



**Original Color**  
8E41F5



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
795D9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E41F5 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 #8E41F5 looks like.

```
.text, #text, p{  
    color:#8E41F5  
}
```

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 #8E41F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E41F5
}
```

## Border

The CSS property to change the border of an element to Hex 8E41F5 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
#8E41F5 }
```

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

```
.border{ border-color:#8E41F5 }
```

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

Here you see how a box with a 4 pixel #8E41F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E41F5; -webkit-box-shadow:4px 4px  
4px 4px #8E41F5; box-shadow:4px 4px 4px  
4px #8E41F5 }
```

# Background

The CSS property to change the background color of an element to Hex 8E41F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E41F5 }
```

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

```
.background{ background-color:#8E41F5 }
```

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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