

# Converting Colors

Hex(8C42F0)

Have a look what the booklet for  
Hex(8C42F0) contains.

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# Color

**Hex(8C42F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C42F0
RGB	140, 66, 240
RGB Percent	55%, 26%, 94%
CMY	0.4510, 0.7412, 0.0588
CMYK	0.42, 0.72, 0.00, 0.06
HSL	266°, 85%, 60%
HSV	266°, 72%, 94%
XYZ	28.4916, 15.7631, 83.9790
YIQ	107.9620, -11.7500, 69.8020

# Conversions

## Conversions Part 2

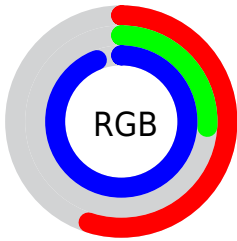
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 66, 240
Decimal	9192176
CIE <sub>Lab</sub>	46.66, 64.53, -75.38
CIE <sub>LCh</sub>	47, 99.227, 310.568
Yxy	15.7631, 0.2222, 0.1229
Android (android.graphics.Color)	4287382256 (0xFF8C42F0)
YUV	107.9620, 65.0947, 28.0973
Hunter-Lab	39.7028, 58.6155, -97.6176

# Details

The Hex color **8C42F0** 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 **A6F042**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **C878FF**, and **4E00B7** is the 20% darker color. If you saturate the color by 10%, you get **7E2AF0**, and if you desaturate by 10%, it is **9A5AF0**.

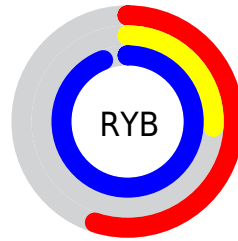
# Distribution



Red (55%)

Green (26%)

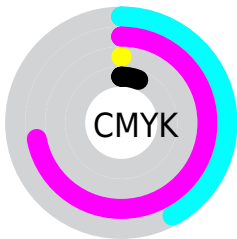
Blue (94%)



Red (55%)

Yellow (26%)

Blue (94%)

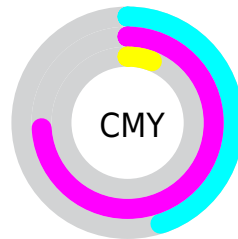


Cyan (42%)

Magenta (72%)

Yellow (0%)

Black (6%)



Cyan (45%)

Magenta (74%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C42F0 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 8C42F0 by changing the saturation by 10% instead.



 8C42F0

 8C42F0

FFFFFF

 6E25D3

 C878FF

 4E00B7

 E693FF

 2B009B

 FFAFFF

 000080

 FFCCFF

 000066

 FFE9FF

 00044D

 000535

 00021F

 000002

 8C42F0

 8C42F0

 7E2AF0

 9A5AF0

 7012F0

 A872F0

 6600F0

 B58AF0

 C3A2F0

 D1BAF0

 DFD2F0

 EDEAF0

 FAFFF0

 FFFFF0

# Harmonies

## Analogous

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



0072FF



8C42F0



E100A8

# Triad

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



8C42F0



B25500



008E8B

# Complementary

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



8C42F0



A6F042

# 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.



008B31



8C42F0



6D7500

# Square

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



8C42F0



E30000



008400



008EDB

# Rectangle

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



8C42F0



F50071



008400



008D6E



# Sweetspot

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



8C42F0



DFC7FF



42A8F0



6C5E80



000000



808080



# Same Dimension

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



8C42F0



7F21FF



E142F0



716C78



4E00B8



180038



# Inverse Universe

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



F042A6



FF21A1



51F042



786C73



B8006A

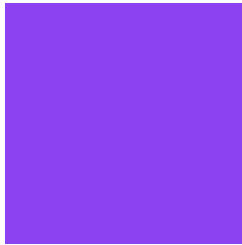


380020



# Previews

## White Background



This preview shows how the Hex color 8C42F0 looks on a white background.

## Color Contrast Check

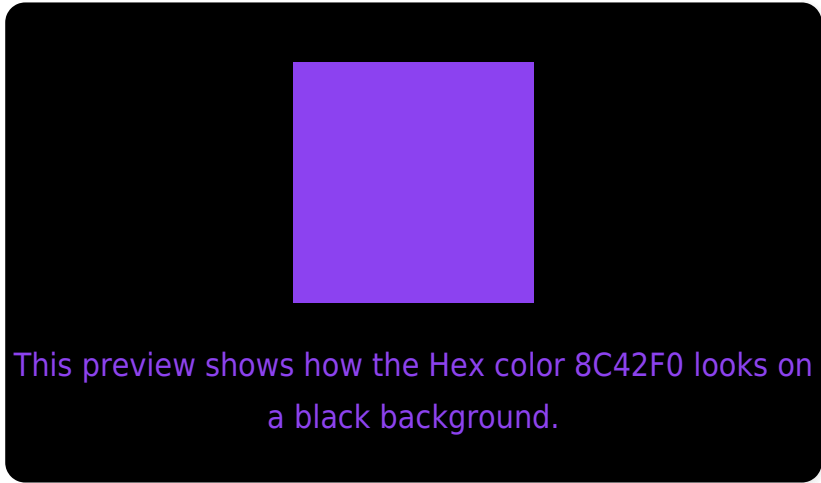
Large Text (above 18pt) WCAG AA ✓ Pass

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

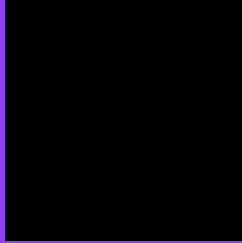
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C42F0 Background



This preview shows how black text looks on a background with the Hex color 8C42F0.

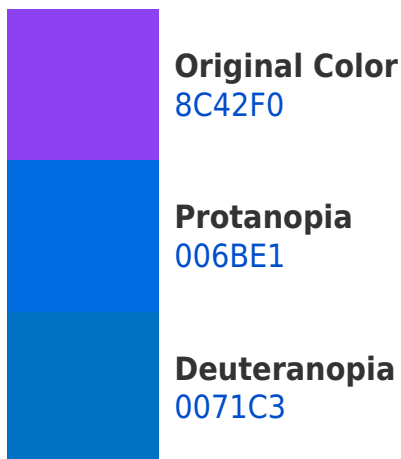



This preview shows how white text looks on a background with the Hex color 8C42F0.

# 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](#).

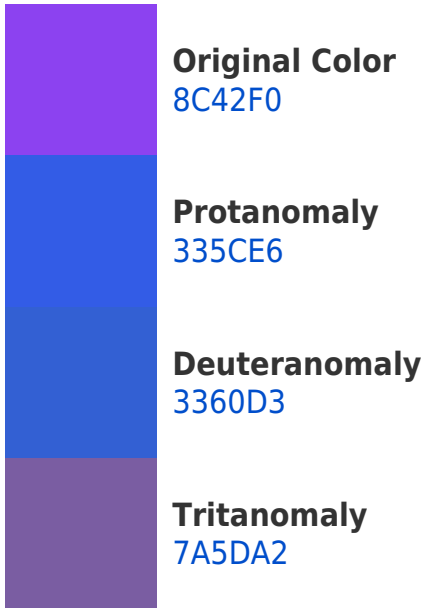
## Dichromacy



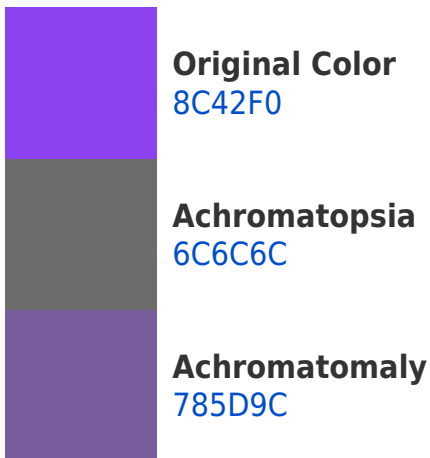


**Tritanopia**  
706D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C42F0 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 #8C42F0 looks like.

```
.text, #text, p{  
    color:#8C42F0  
}
```

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 #8C42F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C42F0
}
```

## Border

The CSS property to change the border of an element to Hex 8C42F0 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
#8C42F0 }
```

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

```
.border{ border-color:#8C42F0 }
```

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

Here you see how a box with a 4 pixel #8C42F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C42F0; -webkit-box-shadow:4px 4px  
4px 4px #8C42F0; box-shadow:4px 4px 4px  
4px #8C42F0 }
```

# Background

The CSS property to change the background color of an element to Hex 8C42F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C42F0 }
```

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

```
.background{ background-color:#8C42F0 }
```

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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