

# Converting Colors

Hex(8C2EFF)

Have a look what the booklet for  
Hex(8C2EFF) contains.

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**Color**

**Hex(8C2EFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C2EFF
RGB	140, 46, 255
RGB Percent	55%, 18%, 100%
CMY	0.4510, 0.8196, 0.0000
CMYK	0.45, 0.82, 0.00, 0.00
HSL	267°, 100%, 59%
HSV	267°, 82%, 100%
XYZ	29.8422, 14.7494, 95.8818
YIQ	97.9320, -11.0650, 84.9270

# Conversions

## Conversions Part 2

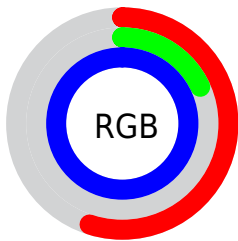
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	140, 46, 255
Decimal	9187071
CIE Lab	45.29, 75.66, -86.03
CIE LCh	45, 114.565, 311.330
Yxy	14.7494, 0.2124, 0.1050
Android (android.graphics.Color)	4287377151 (0xFF8C2EFF)
YUV	97.9320, 77.4345, 36.8936
Hunter-Lab	38.4050, 71.4929, -121.1397

# Details

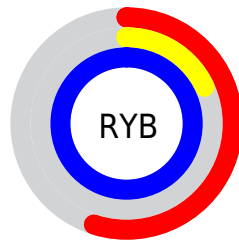
The Hex color **8C2EFF** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **A1FF2E**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **CA69FF**, and **4A00C5** is the 20% darker color. If you saturate the color by 10%, you get **7E15FF**, and if you desaturate by 10%, it is **9A48FF**.

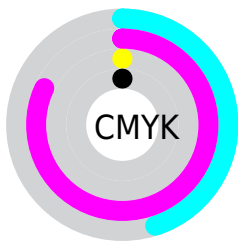
# Distribution



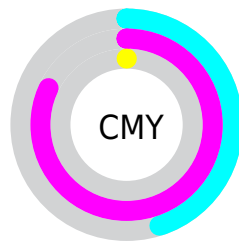
- Red (55%)
- Green (18%)
- Blue (100%)



- Red (55%)
- Yellow (18%)
- Blue (100%)



- Cyan (45%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (82%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C2EFF 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 8C2EFF by changing the saturation by 10% instead.



 8C2EFF

 8C2EFF

FFFFFF

 6C00E2

 CA69FF

 4A00C5

 E985FF

 1F00A9

 FFA1FF

 00008D


 FFBEFF

 000072

 FFDBFF

 000359

 FFF9FF

 000740

 000329

 000113

 8C2EFF

 8C2EFF

 7E15FF

 9A48FF

 7300FF

 A861FF

 B67BFF

 C494FF

 D2AEFF

 E0C7FF

 EEE1FF

 FCFAFF

FFFFFF

# Harmonies

## Analogous

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



0070FF



8C2EFF



EE00AB

# Triad

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



8C2EFF



B24E00



008C8F

# Complementary

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



8C2EFF



A1FF2E

# 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.



008925



8C2EFF



627300

# Square

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



8C2EFF



EB0000



008300



008EEB

# Rectangle

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



8C2EFF



FF006C



008300



008B6D



# Sweetspot

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



8C2EFF



DCBFFF



2EA4FF



6A5980



000000



808080



# Same Dimension

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



8C2EFF



7505FF



F12EFF



787380



5600BF



1D0040



# Inverse Universe

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



FF2EA1



FF058F



3CFF2E



80737A



BF0069

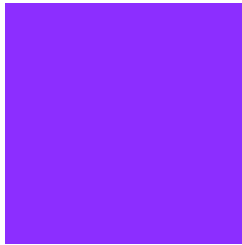


400023



# Previews

## White Background



This preview shows how the Hex color 8C2EFF 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

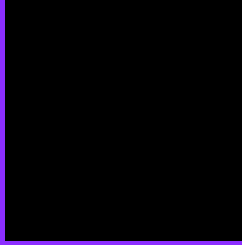
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C2EFF Background



This preview shows how black text looks on a background with the Hex color 8C2EFF.




This preview shows how white text looks on a background with the Hex color 8C2EFF.

# 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](#).

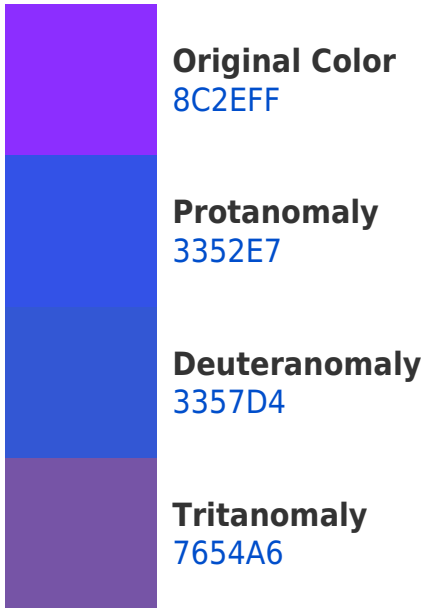
## Dichromacy





**Tritanopia**  
6A6A73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C2EFF 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 #8C2EFF looks like.

```
.text, #text, p{  
    color:#8C2EFF  
}
```

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 #8C2EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C2EFF
}
```

## Border

The CSS property to change the border of an element to Hex 8C2EFF 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".

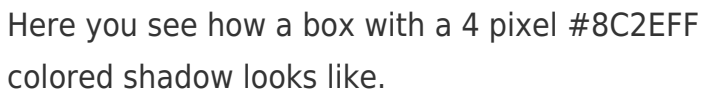
```
.border, #border, table{ border:4px solid
#8C2EFF }
```

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

```
.border{ border-color:#8C2EFF }
```

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

Here you see how a box with a 4 pixel #8C2EFF colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C2EFF; -webkit-box-shadow:4px 4px  
4px 4px #8C2EFF; box-shadow:4px 4px 4px  
4px #8C2EFF }
```

# Background

The CSS property to change the background color of an element to Hex 8C2EFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C2EFF }
```

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

```
.background{ background-color:#8C2EFF }
```

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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