

# Converting Colors

Hex(8C22EA)

Have a look what the booklet for  
Hex(8C22EA) contains.

|  |    |
|--|----|
| <b>Hex(8C22EA)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Hex(8C22EA)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 8C22EA                    |
| RGB           | 140, 34, 234              |
| RGB Percent   | 55%, 13%, 92%             |
| CMY           | 0.4510, 0.8667, 0.0824    |
| CMYK          | 0.40, 0.85, 0.00, 0.08    |
| HSL           | 272°, 83%, 53%            |
| HSV           | 272°, 85%, 92%            |
| XYZ           | 26.2385, 12.6600, 78.9026 |
| YIQ           | 88.4940, -1.0240, 84.6720 |

# Conversions

## Conversions Part 2

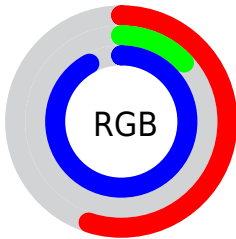
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 140, 34, 234                   |
| Decimal                             | 9183978                        |
| CIE <sub>Lab</sub>                  | 42.25, 74.50, -79.22           |
| CIE <sub>LCh</sub>                  | 42, 108.747, 313.243           |
| Yxy                                 | 12.6600, 0.2227,<br>0.1075     |
| Android<br>(android.graphics.Color) | 4287374058<br>(0xFF8C22EA)     |
| YUV                                 | 88.4940, 71.7345,<br>45.1708   |
| Hunter-Lab                          | 35.5809, 69.3651,<br>-106.5721 |

# Details

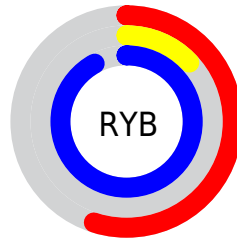
The Hex color **8C22EA** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **80EA22**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **C960FF**, and **4E00B1** is the 20% darker color. If you saturate the color by 10%, you get **810BEA**, and if you desaturate by 10%, it is **9739EA**.

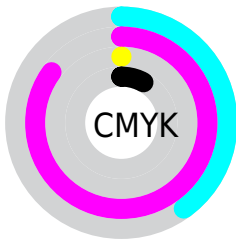
# Distribution



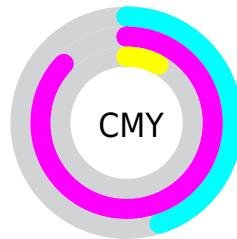
- Red (55%)
- Green (13%)
- Blue (92%)



- Red (55%)
- Yellow (13%)
- Blue (92%)



- Cyan (40%)
- Magenta (85%)
- Yellow (0%)
- Black (8%)



- Cyan (45%)
- Magenta (87%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C22EA 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 8C22EA by changing the saturation by 10% instead.



 8C22EA

 8C22EA

FFFFFF

 6D00CD

 C960FF

 4E00B1

 E77CFF

 290095

 FF99FF

 00007A

 FFB5FF

 000060

 FFD2FF

 000847

 FFF0FF

 000430

 00011A

 000000

■ 8C22EA

■ 8C22EA

■ 810BEA

■ 9739EA

■ 7C00EA

■ A251EA

■ AD68EA

■ B880EA

■ C397EA

■ CEAEAA

■ D9C6EA

■ E4DDEA

■ EFF5EA

# Harmonies

## Analogous

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



0066FF



8C22EA



E1009A

# Triad

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



8C22EA



A24C00



00838B

# Complementary

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



8C22EA



80EA22

# 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.



00802A



8C22EA



556D00

# Square

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



8C22EA



D90000



007B00



0084E0

# Rectangle

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



8C22EA



F3005F



007B00



00826C



# Sweetspot

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



8C22EA



E0BDFE



2283EA



6D5880



000000



808080



# Same Dimension

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



8C22EA



8700FF



EA22E7



706A75



6000B5



1C0036



# Inverse Universe

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



EA2280



FF0078



22EA25



756A6F



B50055

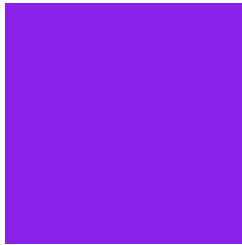


360019



# Previews

## White Background



This preview shows how the Hex color 8C22EA 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

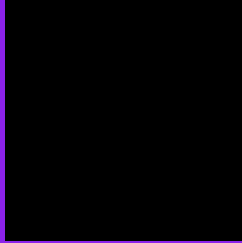
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C22EA Background



This preview shows how black text looks on a background with the Hex color 8C22EA.

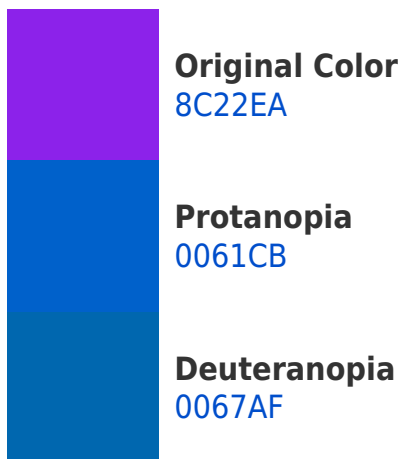


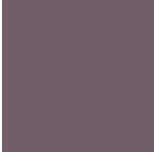
This preview shows how white text looks on a background with the Hex color 8C22EA.

# 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](#).

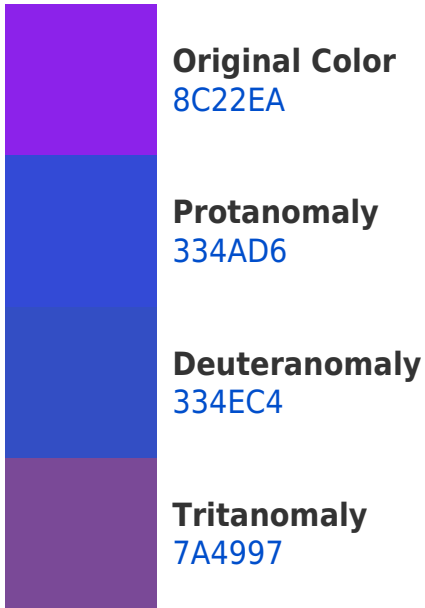
## Dichromacy





**Tritanopia**  
705F67

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C22EA 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 #8C22EA looks like.

```
.text, #text, p{  
    color:#8C22EA  
}
```

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 #8C22EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C22EA
}
```

## Border

The CSS property to change the border of an element to Hex 8C22EA 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
#8C22EA }
```

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

```
.border{ border-color:#8C22EA }
```

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

Here you see how a box with a 4 pixel #8C22EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C22EA; -webkit-box-shadow:4px 4px  
4px 4px #8C22EA; box-shadow:4px 4px 4px  
4px #8C22EA }
```

# Background

The CSS property to change the background color of an element to Hex 8C22EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C22EA }
```

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

```
.background{ background-color:#8C22EA }
```

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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