

# Converting Colors

Hex(8C11A7)

Have a look what the booklet for  
Hex(8C11A7) contains.

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**Color**

**Hex(8C11A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C11A7
RGB	140, 17, 167
RGB Percent	55%, 7%, 65%
CMY	0.4510, 0.9333, 0.3451
CMYK	0.16, 0.90, 0.00, 0.35
HSL	289°, 82%, 36%
HSV	289°, 90%, 65%
XYZ	17.9907, 8.7664, 37.3031
YIQ	70.8770, 25.1580, 72.7260

# Conversions

## Conversions Part 2

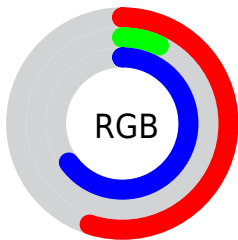
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 17, 167
Decimal	9179559
CIE <sub>Lab</sub>	35.53, 64.97, -51.10
CIE <sub>LCh</sub>	36, 82.656, 321.814
Yxy	8.7664, 0.2808, 0.1368
Android (android.graphics.Color)	4287369639 (0xFF8C11A7)
YUV	70.8770, 47.3886, 60.6209
Hunter-Lab	29.6081, 56.6477, -53.9736

# Details

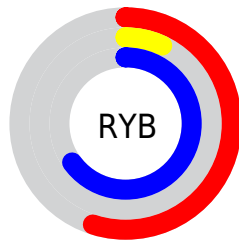
The Hex color **8C11A7** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **2CA711**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **C553DF**, and **540072** is the 20% darker color. If you saturate the color by 10%, you get **8900A7**, and if you desaturate by 10%, it is **8F22A7**.

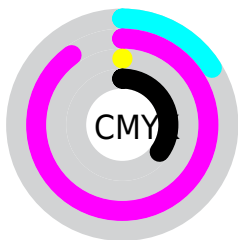
# Distribution



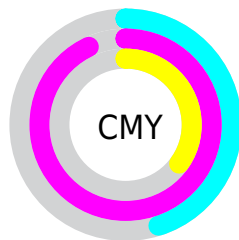
- Red (55%)
- Green (7%)
- Blue (65%)



- Red (55%)
- Yellow (7%)
- Blue (65%)



- Cyan (16%)
- Magenta (90%)
- Yellow (0%)
- Black (35%)



- Cyan (45%)
- Magenta (93%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C11A7 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 8C11A7 by changing the saturation by 10% instead.



 8C11A7

 8C11A7

FFFFFF

 70008C

 C553DF

 540072

 E36FFC

 390059

 FF8BFF

 1E0041

 FFA7FF

 000129

 FFC4FF

 000113

 FFE1FF

 000000

 8C11A7

 8C11A7

 8900A7

 8F22A7

 9232A7

 9543A7

 9854A7

 9B64A7

 9E75A7

 A186A7

 A497A7

 A7A7A7

# Harmonies

## Analogous

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



004BD2



8C11A7



B90069

# Triad

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



8C11A7



764B00



006D84

# Complementary

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



8C11A7



2CA711

# 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.



006B3F



8C11A7



375E00

# Square

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



8C11A7



A32000



006700



006BBD

# Rectangle

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



8C11A7



C0003E



006700



006C6D



# Sweetspot

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



8C11A7



CE9ED9



112DA7



674B6E



EDEDED



6E6E6E



# Same Dimension

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



8C11A7



B200D9



A71178



534C54



790094



110014



# Inverse Universe

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



A7112C



D90027



11A741



544C4D



94001B



140004



# Previews

## White Background



This preview shows how the Hex color 8C11A7 looks on a white background.

## Color Contrast Check

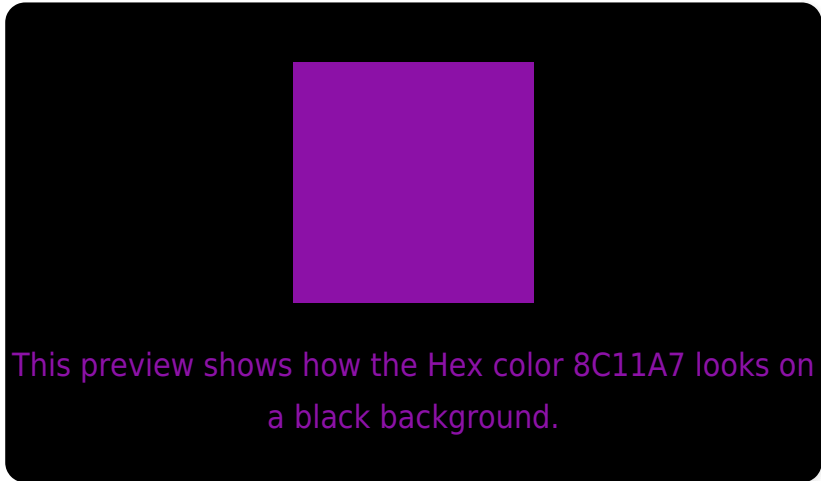
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

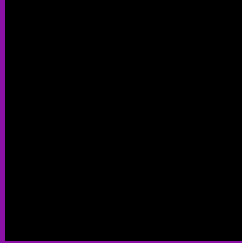
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C11A7 Background



This preview shows how black text looks on a background with the Hex color 8C11A7.

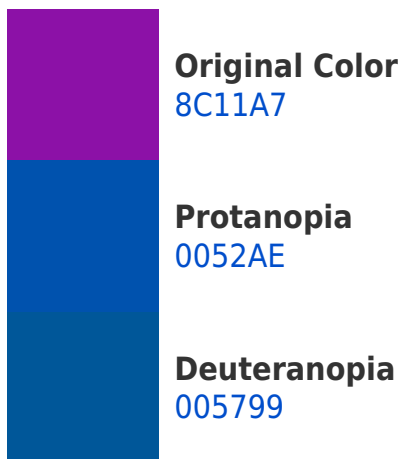



This preview shows how white text looks on a background with the Hex color 8C11A7.

# 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](#).

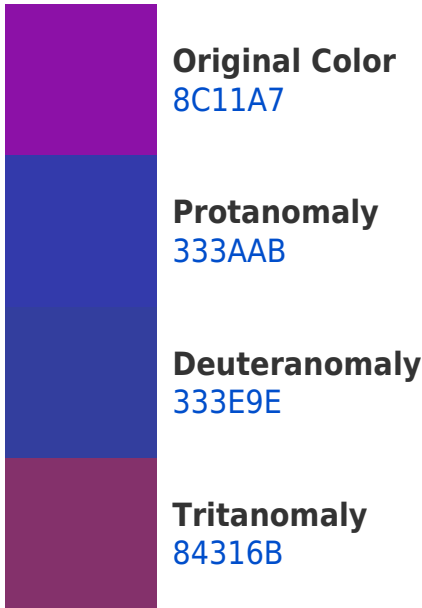
## Dichromacy



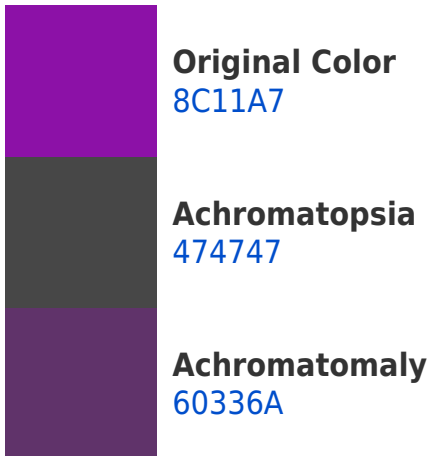


**Tritanopia**  
7F4348

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C11A7 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 #8C11A7 looks like.

```
.text, #text, p{  
    color:#8C11A7  
}
```

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 #8C11A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C11A7
}
```

## Border

The CSS property to change the border of an element to Hex 8C11A7 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
#8C11A7 }
```

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

```
.border{ border-color:#8C11A7 }
```

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

Here you see how a box with a 4 pixel #8C11A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C11A7; -webkit-box-shadow:4px 4px  
4px 4px #8C11A7; box-shadow:4px 4px 4px  
4px #8C11A7 }
```

# Background

The CSS property to change the background color of an element to Hex 8C11A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C11A7 }
```

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

```
.background{ background-color:#8C11A7 }
```

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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