

# Converting Colors

Hex(8C1177)

Have a look what the booklet for  
Hex(8C1177) contains.

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# Color

**Hex(8C1177)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C1177
RGB	140, 17, 119
RGB Percent	55%, 7%, 47%
CMY	0.4510, 0.9333, 0.5333
CMYK	0.00, 0.88, 0.15, 0.45
HSL	310°, 78%, 31%
HSV	310°, 88%, 55%
XYZ	14.3454, 7.3083, 18.1073
YIQ	65.4050, 40.5660, 57.7980

# Conversions

## Conversions Part 2

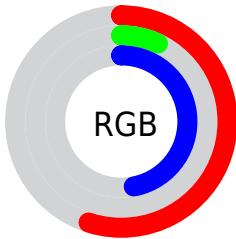
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 17, 119
Decimal	9179511
CIE <sub>Lab</sub>	32.50, 57.17, -26.37
CIE <sub>LCh</sub>	32, 62.954, 335.241
Yxy	7.3083, 0.3608, 0.1838
Android (android.graphics.Color)	4287369591 (0xFF8C1177)
YUV	65.4050, 26.4223, 65.4198
Hunter-Lab	27.0338, 47.4116, -20.7890

# Details

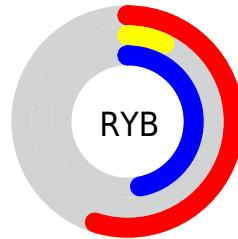
The Hex color **8C1177** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **118C26**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **C550AC**, and **550046** is the 20% darker color. If you saturate the color by 10%, you get **8C0375**, and if you desaturate by 10%, it is **8C1F79**.

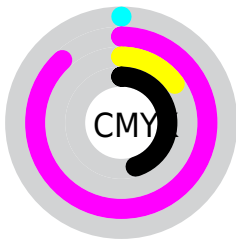
# Distribution



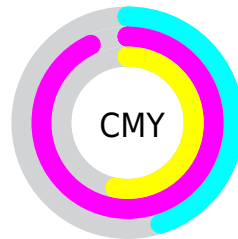
- Red (55%)
- Green (7%)
- Blue (47%)



- Red (55%)
- Yellow (7%)
- Blue (47%)



- Cyan (0%)
- Magenta (88%)
- Yellow (15%)
- Black (45%)



- Cyan (45%)
- Magenta (93%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C1177 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 8C1177 by changing the saturation by 10% instead.



8C1177

8C1177

FFFFFF

70005E

C550AC

550046

E26CC7

3C002F

FF87E3

21001A

FFA3FF

000000

FFC0FF

FFDCFF

FFFAFF

8C1177

8C1177

■ 8C0375

■ 8C1F79

■ 8C0074

■ 8C2D7C

■ 8C3B7E

■ 8C4981

■ 8C5783

■ 8C6585

■ 8C7388

■ 8C818A

■ 8C8F8D

# Harmonies

## Analogous

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



523A9F



8C1177



A00046

# Triad

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



8C1177



574D00



006085

# Complementary

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



8C1177



118C26

# 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.



006054



8C1177



1E5900

# Square

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



8C1177



7E3900



005E1F



005CA8

# Rectangle

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



8C1177



9D0026



005E1F



006176



# Sweetspot

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



8C1177



B586AD



25118C



5C3F57



DBDBDB



5C5C5C



# Same Dimension

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



8C1177



B50096



8C113A



453E44



85006E



050004



# Inverse Universe

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



8C1177



B50096



118C63



453E44



85006E



050004



# Previews

## White Background



This preview shows how the Hex color 8C1177 looks on a white background.

## Color Contrast Check

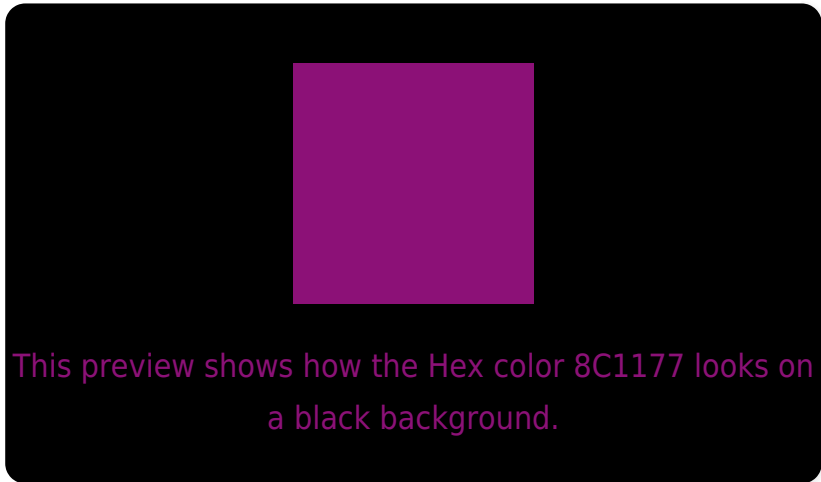
Large Text (above 18pt) WCAG AA ✓ Pass

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

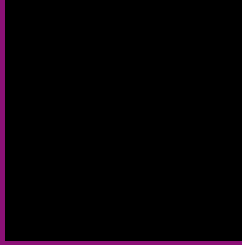
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C1177 Background



This preview shows how black text looks on a background with the Hex color 8C1177.

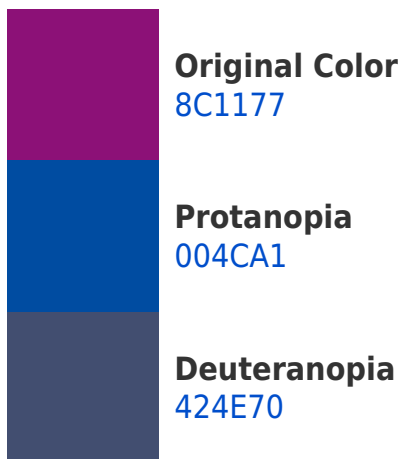



This preview shows how white text looks on a background with the Hex color 8C1177.

# 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**  
863134

# Trichromacy



**Original Color**  
8C1177



**Protanomaly**  
333792



**Deuteranomaly**  
5D3873



**Tritanomaly**  
88254C

# Monochromacy



**Original Color**  
8C1177



**Achromatopsia**  
414141



**Achromatomaly**  
5C3055

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C1177 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 #8C1177 looks like.

```
.text, #text, p{  
    color:#8C1177  
}
```

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 #8C1177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C1177  
}
```

## Border

The CSS property to change the border of an element to Hex 8C1177 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  
#8C1177 }
```

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

```
.border{ border-color:#8C1177 }
```

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

Here you see how a box with a 4 pixel #8C1177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C1177; -webkit-box-shadow:4px 4px  
4px 4px #8C1177; box-shadow:4px 4px 4px  
4px #8C1177 }
```

# Background

The CSS property to change the background color of an element to Hex 8C1177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C1177 }
```

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

```
.background{ background-color:#8C1177 }
```

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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