

# Converting Colors

Hex(8C2F7C)

Have a look what the booklet for  
Hex(8C2F7C) contains.

<b>Hex(8C2F7C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(8C2F7C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C2F7C
RGB	140, 47, 124
RGB Percent	55%, 18%, 49%
CMY	0.4510, 0.8157, 0.5137
CMYK	0.00, 0.66, 0.11, 0.45
HSL	310°, 50%, 37%
HSV	310°, 66%, 55%
XYZ	15.4698, 9.0637, 20.0029
YIQ	83.5850, 30.7110, 43.6630

# Conversions

## Conversions Part 2

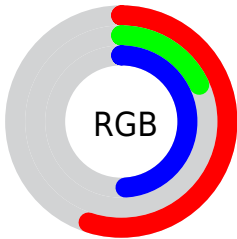
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	140, 47, 124
Decimal	9187196
CIE Lab	36.11, 48.40, -23.86
CIE LCh	36, 53.956, 333.760
Yxy	9.0637, 0.3474, 0.2035
Android (android.graphics.Color)	4287377276 (0xFF8C2F7C)
YUV	83.5850, 19.9246, 49.4760
Hunter-Lab	30.1060, 39.0358, -18.3190

# Details

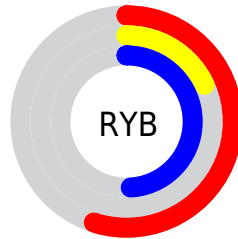
The Hex color **8C2F7C** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2F8C3F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **C464B1**, and **57004B** is the 20% darker color. If you saturate the color by 10%, you get **8C217A**, and if you desaturate by 10%, it is **8C3D7E**.

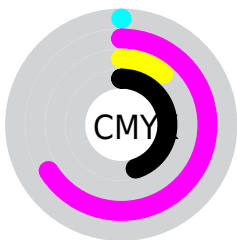
# Distribution



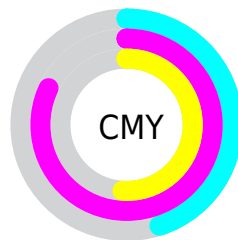
- Red (55%)
- Green (18%)
- Blue (49%)



- Red (55%)
- Yellow (18%)
- Blue (49%)



- Cyan (0%)
- Magenta (66%)
- Yellow (11%)
- Black (45%)



- Cyan (45%)
- Magenta (82%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C2F7C 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 8C2F7C by changing the saturation by 10% instead.



8C2F7C

8C2F7C

FFFFFF

711063

C464B1

57004B

E17FCC

3D0034

FE9AE9

25001E

FFB6FF

000000

FFD2FF

FFEFFF

8C2F7C

8C2F7C

8C217A

8C3D7E

■ 8C1377

■ 8C4B81

■ 8C0575

■ 8C5983

■ 8C0074

■ 8C6786

■ 8C7588

■ 8C838A

■ 8C918D

■ 8C9F8F

■ 8CAD92

# Harmonies

## Analogous

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



5A479E



8C2F7C



9F2051

# Triad

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



8C2F7C



635500



006784

# Complementary

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



8C2F7C



2F8C3F

# 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.



006859



8C2F7C



356000

# Square

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



8C2F7C



854400



00652C



0063A3

# Rectangle

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



8C2F7C



9F2735



00652C



006877



# Sweetspot

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



8C2F7C



B591AF



3E2F8C



5C4658



DBDBDB



5C5C5C



# Same Dimension

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



8C2F7C



B5249C



8C2F4E



453E44



85006E



050004



# Inverse Universe

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



8C2F7C



B5249C



2F8C6D



453E44



85006E



050004



# Previews

## White Background



This preview shows how the Hex color 8C2F7C looks on a white background.

## Color Contrast Check

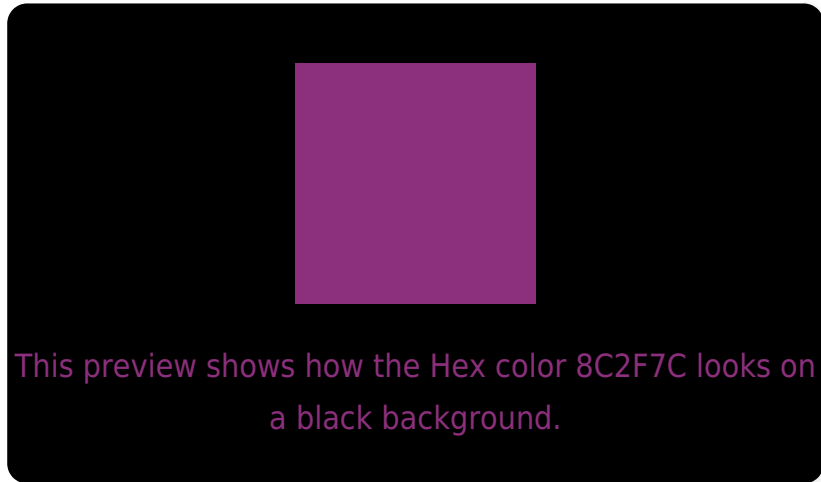
Large Text (above 18pt) WCAG AA ✓ Pass

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

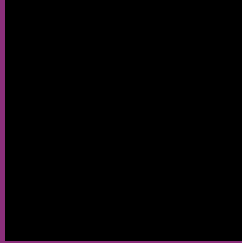
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C2F7C Background



This preview shows how black text looks on a background with the Hex color 8C2F7C.

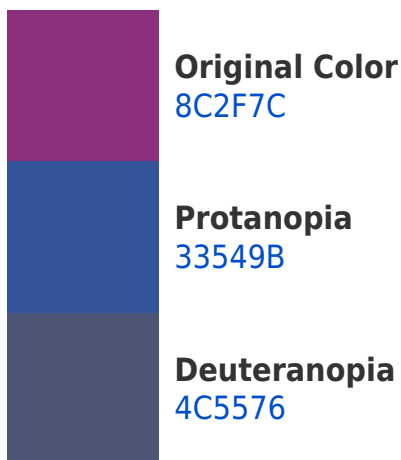


This preview shows how white text looks on a background with the Hex color 8C2F7C.

# 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**  
863F44

# Trichromacy



**Original Color**  
8C2F7C



**Protanomaly**  
534790



**Deuteranomaly**  
634778



**Tritanomaly**  
883958

# Monochromacy



**Original Color**  
8C2F7C



**Achromatopsia**  
545454



**Achromatomaly**  
684763

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C2F7C 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 #8C2F7C looks like.

```
.text, #text, p{  
    color:#8C2F7C  
}
```

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 #8C2F7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C2F7C
}
```

## Border

The CSS property to change the border of an element to Hex 8C2F7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

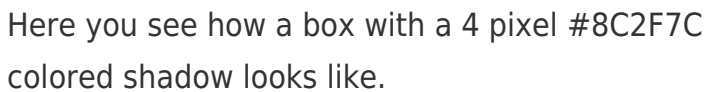
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C2F7C }
```

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

```
.border{ border-color:#8C2F7C }
```

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



Here you see how a box with a 4 pixel #8C2F7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C2F7C; -webkit-box-shadow:4px 4px  
4px 4px #8C2F7C; box-shadow:4px 4px 4px  
4px #8C2F7C }
```

# Background

The CSS property to change the background color of an element to Hex 8C2F7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C2F7C }
```

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

```
.background{ background-color:#8C2F7C }
```

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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