

# Converting Colors

Hex(8C2D7C)

Have a look what the booklet for  
Hex(8C2D7C) contains.

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# Color

Hex(8C2D7C)

# Conversions

## Conversions Part 1

Format	Color
Hex	8C2D7C
RGB	140, 45, 124
RGB Percent	55%, 18%, 49%
CMY	0.4510, 0.8235, 0.5137
CMYK	0.00, 0.68, 0.11, 0.45
HSL	310°, 51%, 36%
HSV	310°, 68%, 55%
XYZ	15.3917, 8.9075, 19.9769
YIQ	82.4110, 31.2610, 44.7090

# Conversions

## Conversions Part 2

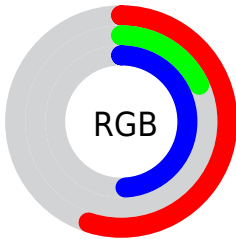
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 45, 124
Decimal	9186684
CIE <sub>Lab</sub>	35.81, 49.23, -24.33
CIE <sub>LCh</sub>	36, 54.915, 333.707
Yxy	8.9075, 0.3476, 0.2012
Android (android.graphics.Color)	4287376764 (0xFF8C2D7C)
YUV	82.4110, 20.5034, 50.5056
Hunter-Lab	29.8454, 39.8257, -18.7937

# Details

The Hex color **8C2D7C** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2D8C3D**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **C462B1**, and **56004B** is the 20% darker color. If you saturate the color by 10%, you get **8C1F7A**, and if you desaturate by 10%, it is **8C3B7E**.

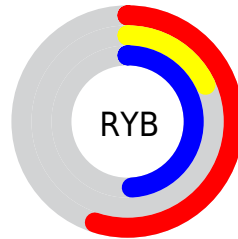
# Distribution



Red (55%)

Green (18%)

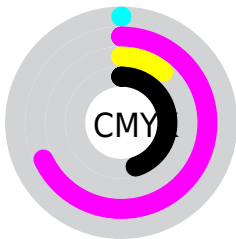
Blue (49%)



Red (55%)

Yellow (18%)

Blue (49%)

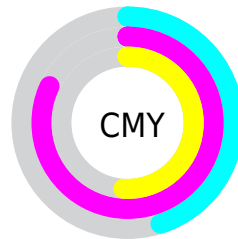


Cyan (0%)

Magenta (68%)

Yellow (11%)

Black (45%)



Cyan (45%)

Magenta (82%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C2D7C 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 8C2D7C by changing the saturation by 10% instead.



 8C2D7C

 8C2D7C

FFFFFF

 710D63

 C462B1

 56004B

 E17DCC

 3D0034

 FE98E9

 25001E

 FFB4FF

 000000

 FFD0FF

 FFEDFF

 8C2D7C

 8C2D7C

 8C1F7A

 8C3B7E

■ 8C1177

■ 8C4981

■ 8C0375

■ 8C5783

■ 8C0074

■ 8C6585

■ 8C7388

■ 8C818A

■ 8C8F8D

■ 8C9D8F

■ 8CAB91

# Harmonies

## Analogous

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



59469E



8C2D7C



A01D51

# Triad

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



8C2D7C



625400



006784

# Complementary

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



8C2D7C



2D8C3D

# 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.



006759



8C2D7C



345F00

# Square

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



8C2D7C



854300



00652A



0063A3

# Rectangle

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



8C2D7C



9F2434



00652A



006777



# Sweetspot

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



8C2D7C



B591AF



3D2D8C



5C4658



DBDBDB



5C5C5C



# Same Dimension

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



8C2D7C



B5229C



8C2D4D



453E44



85006E



050004



# Inverse Universe

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



8C2D7C



B5229C



2D8C6C



453E44



85006E



050004



# Previews

## White Background



This preview shows how the Hex color 8C2D7C looks on a white background.

## Color Contrast Check

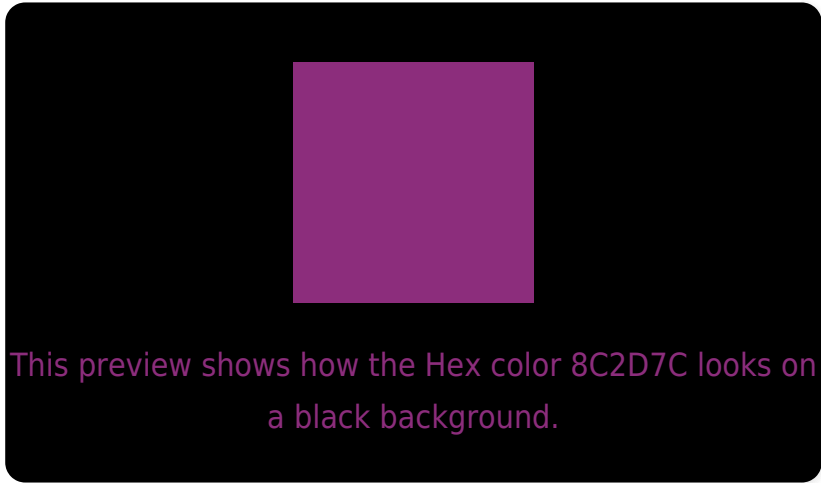
Large Text (above 18pt) WCAG AA ✓ Pass

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

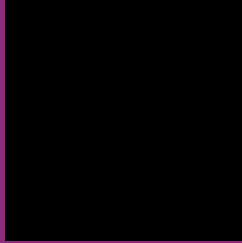
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C2D7C Background



This preview shows how black text looks on a background with the Hex color 8C2D7C.

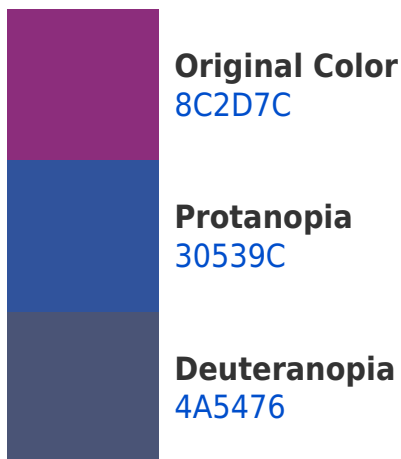



This preview shows how white text looks on a background with the Hex color 8C2D7C.

# 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**  
863E42

# Trichromacy



**Original Color**  
8C2D7C



**Protanomaly**  
514590



**Deuteranomaly**  
624678



**Tritanomaly**  
883857

# Monochromacy



**Original Color**  
8C2D7C



**Achromatopsia**  
525252



**Achromatomaly**  
674561

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C2D7C 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 #8C2D7C looks like.

```
.text, #text, p{  
    color:#8C2D7C  
}
```

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 #8C2D7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C2D7C
}
```

## Border

The CSS property to change the border of an element to Hex 8C2D7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

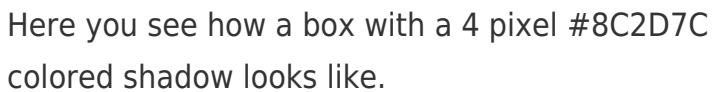
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C2D7C }
```

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

```
.border{ border-color:#8C2D7C }
```

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



Here you see how a box with a 4 pixel #8C2D7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C2D7C; -webkit-box-shadow:4px 4px  
4px 4px #8C2D7C; box-shadow:4px 4px 4px  
4px #8C2D7C }
```

# Background

The CSS property to change the background color of an element to Hex 8C2D7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C2D7C }
```

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

```
.background{ background-color:#8C2D7C }
```

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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