

# Converting Colors

Hex(8C2B8D)

Have a look what the booklet for  
Hex(8C2B8D) contains.

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# Color

**Hex(8C2B8D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C2B8D
RGB	140, 43, 141
RGB Percent	55%, 17%, 55%
CMY	0.4510, 0.8314, 0.4471
CMYK	0.01, 0.70, 0.00, 0.45
HSL	299°, 53%, 36%
HSV	299°, 70%, 55%
XYZ	16.4868, 9.2263, 26.1112
YIQ	83.1750, 26.3540, 51.0420

# Conversions

## Conversions Part 2

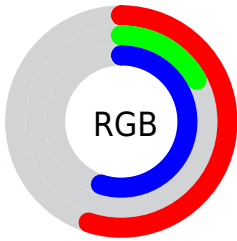
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 43, 141
Decimal	9186189
CIE <sub>Lab</sub>	36.42, 52.92, -33.88
CIE <sub>LCh</sub>	36, 62.835, 327.368
Yxy	9.2263, 0.3181, 0.1780
Android (android.graphics.Color)	4287376269 (0xFF8C2B8D)
YUV	83.1750, 28.5077, 49.8355
Hunter-Lab	30.3748, 43.7302, -29.7053

# Details

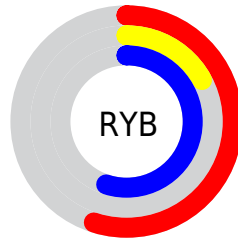
The Hex color **8C2B8D** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2C8D2B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **C461C3**, and **56005A** is the 20% darker color. If you saturate the color by 10%, you get **8C1D8D**, and if you desaturate by 10%, it is **8C398D**.

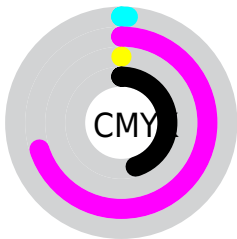
# Distribution



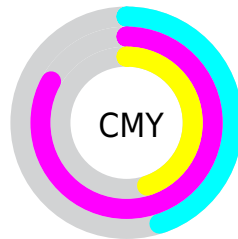
- Red (55%)
- Green (17%)
- Blue (55%)



- Red (55%)
- Yellow (17%)
- Blue (55%)



- Cyan (1%)
- Magenta (70%)
- Yellow (0%)
- Black (45%)



- Cyan (45%)
- Magenta (83%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C2B8D 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 8C2B8D by changing the saturation by 10% instead.



 8C2B8D

 8C2B8D

FFFFFF

 710773

 C461C3

 56005A

 E17CDF

 3C0042

 FF98FC

 25002C

 FFB3FF

 000115

 FFD0FF

 000000

 FFEDFF

 8C2B8D

 8C2B8D

 8C1D8D

 8C398D

 8C0F8D

 8C478D

 8C018D

 8C558D

 8C008D

 8D638D

 8D728D

 8D808D

 8D8E8D

 8D9C8D

 8DAA8D

# Harmonies

## Analogous

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



424AB1



8C2B8D



A9015C

# Triad

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



8C2B8D



6D5200



006B83

# Complementary

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



8C2B8D



2C8D2B

# 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.



006A50



8C2B8D



3B6000

# Square

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



8C2B8D



923B00



006718



0068AB

# Rectangle

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



8C2B8D



AB0A3B



006718



006B73



# Sweetspot

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



8C2B8D



B791B8



2B2D8D



5C455C



DBDBDB



5C5C5C



# Same Dimension

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



8C2B8D



B61FB8



8D2B5E



474047



860087



080008



# Inverse Universe

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



8D2B2C



B81F21



2B8D5A



474040



870001



080000



# Previews

## White Background



This preview shows how the Hex color 8C2B8D looks on a white background.

## Color Contrast Check

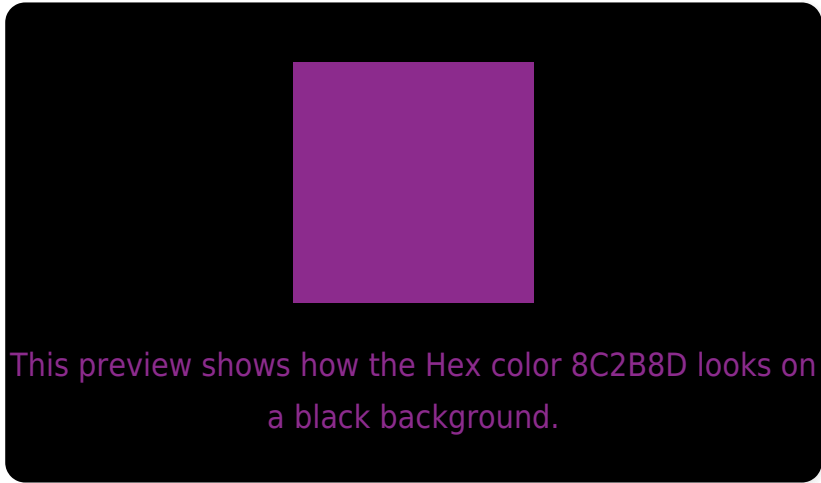
Large Text (above 18pt) WCAG AA ✓ Pass

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

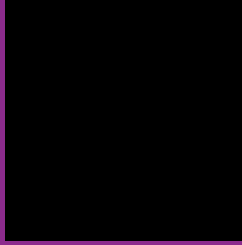
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C2B8D Background



This preview shows how black text looks on a background with the Hex color 8C2B8D.



This preview shows how white text looks on a background with the Hex color 8C2B8D.

# 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**  
844247

# Trichromacy



**Original Color**  
8C2B8D



**Protanomaly**  
3344A5



**Deuteranomaly**  
5A4689

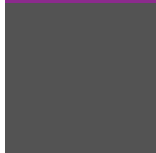


**Tritanomaly**  
873A60

# Monochromacy



**Original Color**  
8C2B8D



**Achromatopsia**  
535353



**Achromatomaly**  
684468

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C2B8D 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 #8C2B8D looks like.

```
.text, #text, p{  
    color:#8C2B8D  
}
```

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 #8C2B8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C2B8D
}
```

## Border

The CSS property to change the border of an element to Hex 8C2B8D 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
#8C2B8D }
```

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

```
.border{ border-color:#8C2B8D }
```

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

Here you see how a box with a 4 pixel #8C2B8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C2B8D; -webkit-box-shadow:4px 4px  
4px 4px #8C2B8D; box-shadow:4px 4px 4px  
4px #8C2B8D }
```

# Background

The CSS property to change the background color of an element to Hex 8C2B8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C2B8D }
```

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

```
.background{ background-color:#8C2B8D }
```

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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