

# Converting Colors

Hex(8B098C)

Have a look what the booklet for  
Hex(8B098C) contains.

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**Color**

**Hex(8B098C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B098C
RGB	139, 9, 140
RGB Percent	55%, 4%, 55%
CMY	0.4549, 0.9647, 0.4510
CMYK	0.01, 0.94, 0.00, 0.45
HSL	300°, 88%, 29%
HSV	300°, 94%, 55%
XYZ	15.4788, 7.5778, 25.4578
YIQ	62.8040, 35.4290, 68.3010

# Conversions

## Conversions Part 2

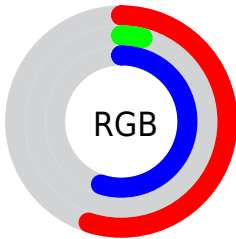
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 9, 140
Decimal	9111948
CIE <sub>Lab</sub>	33.09, 61.46, -38.58
CIE <sub>LCh</sub>	33, 72.565, 327.885
Yxy	7.5778, 0.3191, 0.1562
Android (android.graphics.Color)	4287302028 (0xFF8B098C)
YUV	62.8040, 38.0576, 66.8239
Hunter-Lab	27.5278, 52.1963, -35.5621

# Details

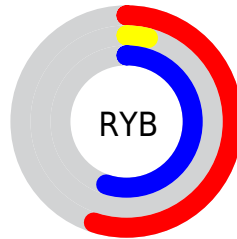
The Hex color **8B098C** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **0A8C09**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **C44EC2**, and **540059** is the 20% darker color. If you saturate the color by 10%, you get **8B008C**, and if you desaturate by 10%, it is **8B178C**.

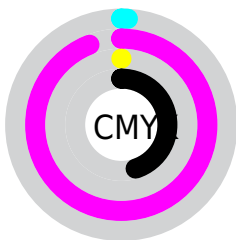
# Distribution



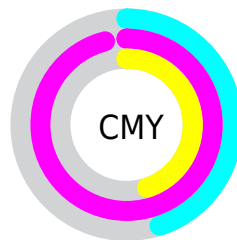
- Red (55%)
- Green (4%)
- Blue (55%)



- Red (55%)
- Yellow (4%)
- Blue (55%)



- Cyan (1%)
- Magenta (94%)
- Yellow (0%)
- Black (45%)



- Cyan (45%)
- Magenta (96%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B098C 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 8B098C by changing the saturation by 10% instead.





8B098C



8B098C

FFFFFF



6F0072



C44EC2



540059



E16ADE



3B0041



FF86FB



20002A



FFA2FF



000114



FFBFFF



000000



FFDCFF



FFF9FF



8B098C



8B098C

■ 8B008C

■ 8B178C

■ 8B258C

■ 8B338C

■ 8B418C

■ 8C4F8C

■ 8C5D8C

■ 8C6B8C

■ 8C798C

■ 8C878C

# Harmonies

## Analogous

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



2C40B5



8B098C



AA0055

# Triad

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



8B098C



634B00



006483

# Complementary

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



8B098C



0A8C09

# 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.



006348



8B098C



285900

# Square

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



8B098C



8E2E00



006000



0062B0

# Rectangle

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



8B098C



AC002F



006000



006470



# Sweetspot

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



8B098C



B582B5



090B8C



5C3D5C



DBDBDB



5C5C5C



# Same Dimension

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



8B098C



B400B5



8C094D



453E45



840085



050005



# Inverse Universe

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



8C090A



B50001



098C48



453E3E



850001



050000



# Previews

## White Background



This preview shows how the Hex color 8B098C looks on a white background.

## Color Contrast Check

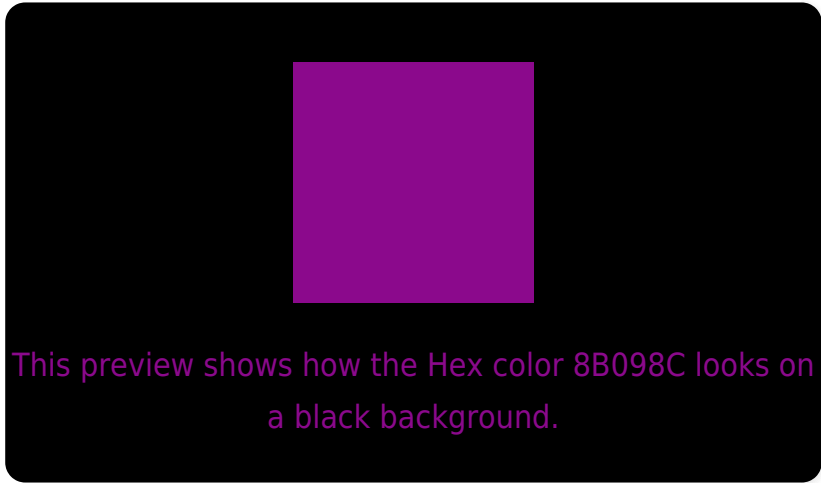
Large Text (above 18pt) WCAG AA ✓ Pass

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

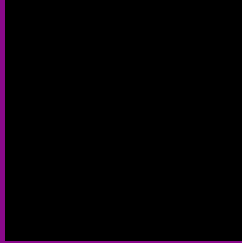
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B098C Background



This preview shows how black text looks on a background with the Hex color 8B098C.

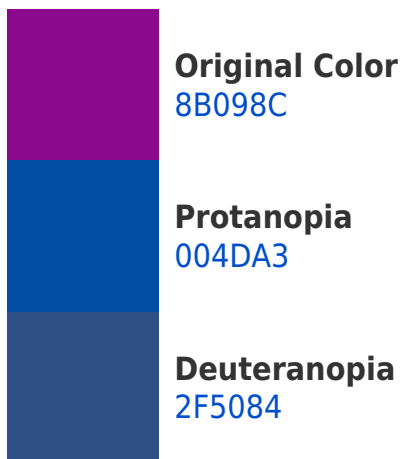


This preview shows how white text looks on a background with the Hex color 8B098C.

# 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**  
82373B

# Trichromacy



**Original Color**  
8B098C



**Protanomaly**  
33349B



**Deuteranomaly**  
503687



**Tritanomaly**  
852658

# Monochromacy



**Original Color**  
8B098C



**Achromatopsia**  
3F3F3F



**Achromatomaly**  
5B2B5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B098C 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 #8B098C looks like.

```
.text, #text, p{  
    color:#8B098C  
}
```

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 #8B098C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B098C
}
```

## Border

The CSS property to change the border of an element to Hex 8B098C is called "border". The border property can be set on classes, ids or directly on the HTML element.

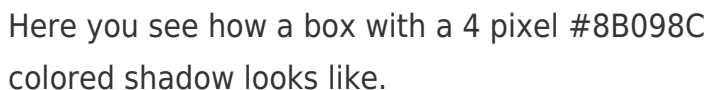
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B098C }
```

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

```
.border{ border-color:#8B098C }
```

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



Here you see how a box with a 4 pixel #8B098C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B098C; -webkit-box-shadow:4px 4px  
4px 4px #8B098C; box-shadow:4px 4px 4px  
4px #8B098C }
```

# Background

The CSS property to change the background color of an element to Hex 8B098C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B098C }
```

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

```
.background{ background-color:#8B098C }
```

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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