

# Converting Colors

Hex(9C0E8F)

Have a look what the booklet for  
Hex(9C0E8F) contains.

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# Color

Hex(9C0E8F)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 9C0E8F                    |
| RGB           | 156, 14, 143              |
| RGB Percent   | 61%, 5%, 56%              |
| CMY           | 0.3882, 0.9451, 0.4392    |
| CMYK          | 0.00, 0.91, 0.08, 0.39    |
| HSL           | 305°, 84%, 33%            |
| HSV           | 305°, 91%, 61%            |
| XYZ           | 18.8253, 9.3652, 26.8021  |
| YIQ           | 71.1640, 43.2230, 70.2230 |

# Conversions

## Conversions Part 2

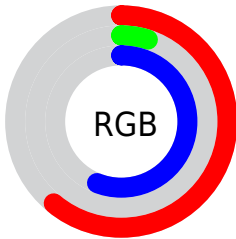
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 156, 14, 143                  |
| Decimal                             | 10227343                      |
| CIE Lab                             | 36.68, 64.39, -34.52          |
| CIE LCh                             | 37, 73.062, 331.806           |
| Yxy                                 | 9.3652, 0.3423,<br>0.1703     |
| Android<br>(android.graphics.Color) | 4288417423<br>(0xFF9C0E8F)    |
| YUV                                 | 71.1640, 35.4151,<br>74.4012  |
| Hunter-Lab                          | 30.6026, 56.2504,<br>-30.5050 |

# Details

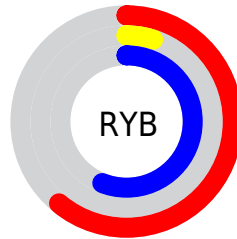
The Hex color **9C0E8F** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **0E9C1B**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **D653C5**, and **64005C** is the 20% darker color. If you saturate the color by 10%, you get **9C008E**, and if you desaturate by 10%, it is **9C1E90**.

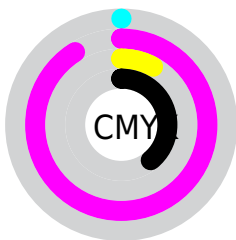
# Distribution



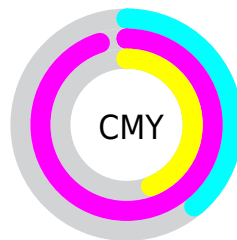
- Red (61%)
- Green (5%)
- Blue (56%)



- Red (61%)
- Yellow (5%)
- Blue (56%)



- Cyan (0%)
- Magenta (91%)
- Yellow (8%)
- Black (39%)



- Cyan (39%)
- Magenta (95%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C0E8F 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 9C0E8F by changing the saturation by 10% instead.





9C0E8F



9C0E8F

FFFFFF



800075



D653C5



64005C



F470E1



490044



FF8CFE



30002D



FFA9FF



050017



FFC5FF



000000



FFE3FF



9C0E8F



9C0E8F



9C008E



9C1E90

 9C2D92

 9C3D93

 9C4C95

 9C5C96

 9C6C98

 9C7B99

 9C8B9A

 9C9A9C

# Harmonies

## Analogous

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



4D44BC



9C0E8F



B70056

# Triad

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



9C0E8F



675600



006E94

# Complementary

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



9C0E8F



0E9C1B

# 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.



006D58



9C0E8F



286400

# Square

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



9C0E8F



943B00



006A17



006ABF

# Rectangle

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



9C0E8F



B6002F



006A17



006E81



# Sweetspot

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



9C0E8F



CC95C7



1A0E9C



664563



E6E6E6



666666



# Same Dimension

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



9C0E8F



CC00B9



9C0E49



4F474E



8F0082



0F000E



# Inverse Universe

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



9C0E8F



CC00B9



0E9C61



4F474E



8F0082



0F000E



# Previews

## White Background



This preview shows how the Hex color 9C0E8F looks on a white background.

## Color Contrast Check

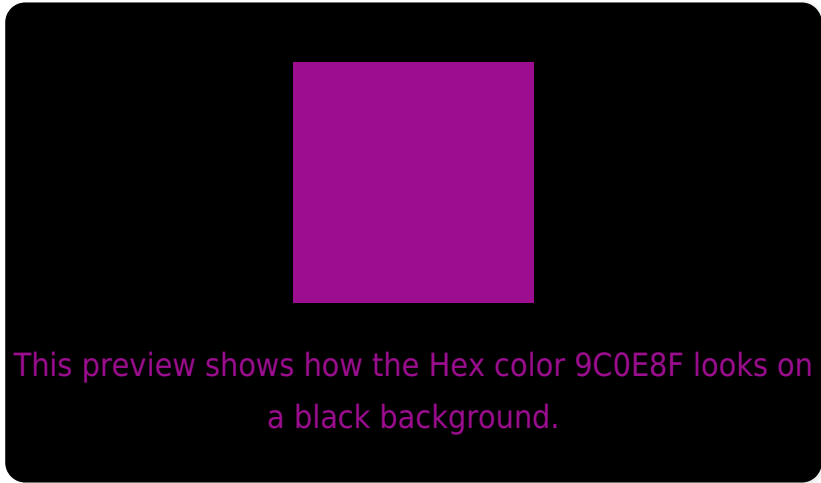
Large Text (above 18pt) WCAG AA ✓ Pass

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

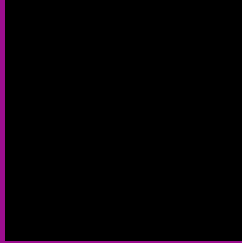
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9C0E8F Background



This preview shows how black text looks on a background with the Hex color 9C0E8F.




This preview shows how white text looks on a background with the Hex color 9C0E8F.

# 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**  
94393D

# Trichromacy



**Original Color**  
9C0E8F



**Protanomaly**  
393BA7



**Deuteranomaly**  
633D89



**Tritanomaly**  
97295B

# Monochromacy



**Original Color**  
9C0E8F



**Achromatopsia**  
474747



**Achromatomaly**  
663261

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C0E8F 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 #9C0E8F looks like.

```
.text, #text, p{  
  color:#9C0E8F  
}
```

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 #9C0E8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C0E8F
}
```

## Border

The CSS property to change the border of an element to Hex 9C0E8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

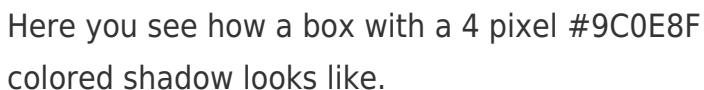
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C0E8F }
```

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

```
.border{ border-color:#9C0E8F }
```

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



Here you see how a box with a 4 pixel #9C0E8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C0E8F; -webkit-box-shadow:4px 4px  
4px 4px #9C0E8F; box-shadow:4px 4px 4px  
4px #9C0E8F }
```

# Background

The CSS property to change the background color of an element to Hex 9C0E8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C0E8F }
```

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

```
.background{ background-color:#9C0E8F }
```

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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