

Converting Colors

Hex(9C008B)

Have a look what the booklet for
Hex(9C008B) contains.

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Color

Hex(9C008B)

Conversions

Conversions Part 1	
Format	Color
Hex	9C008B
RGB	156, 0, 139
RGB Percent	61%, 0%, 55%
CMY	0.3882, 1.0000, 0.4549
CMYK	0.00, 1.00, 0.11, 0.39
HSL	307°, 100%, 31%
HSV	307°, 100%, 61%
XYZ	18.3705, 8.9320, 25.1819
YIQ	62.4900, 48.3570, 76.3010

Conversions

Conversions Part 2

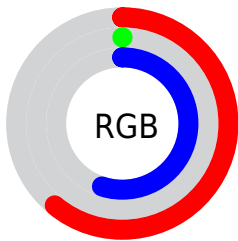
Format	Color
RYB	156, 0, 139
Decimal	10223755
CIELab	35.85, 65.58, -33.36
CIELCh	36, 73.582, 333.037
Yxy	8.9320, 0.3500, 0.1702
Android (android.graphics.Color)	4288413835 (0xFF9C008B)
YUV	62.4900, 37.7194, 82.0083
Hunter-Lab	29.8865, 57.4185, -29.0364

Details

The Hex color **9C008B** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **009C11**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **D64FC1**, and **640058** is the 20% darker color. If you saturate the color by 10%, you get **9C008B**, and if you desaturate by 10%, it is **9C108D**.

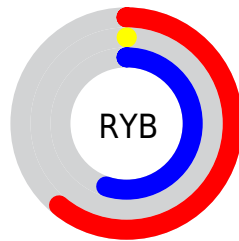
Distribution



Red (61%)

Green (0%)

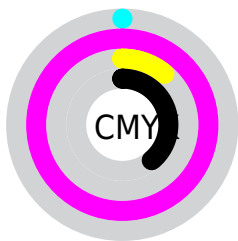
Blue (55%)



Red (61%)

Yellow (0%)

Blue (55%)

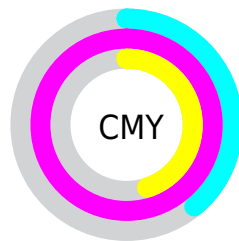


Cyan (0%)

Magenta (100%)

Yellow (11%)

Black (39%)



Cyan (39%)

Magenta (100%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C008B 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 9C008B by changing the saturation by 10% instead.

 9C008B

 9C008B

FFFFFF

 800071

 D64FC1

 640058

 F46CDD

 490040

 FF88FA

 2F002A

 FFA5FF

 020013

 FFC2FF

 000000

 FFDFFF

 FFFDFF

 9C008B

 9C108D

 9C1F8E

 9C2F90

 9C3E92

 9C4E94

 9C5E95

 9C6D97

 9C7D99

 9C8C9A

Harmonies

Analogous

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



5040B9



9C008B



B60051

Triad

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



9C008B



635400



006C94

Complementary

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



9C008B



009C11

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.



006B59



9C008B



206200

Square

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



9C008B



903A00



006817



0068BF

Rectangle

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



9C008B



B4002B



006817



006C81

Sweetspot

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



9C008B



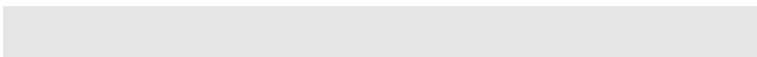
CC8FC5



10009C



664162



E6E6E6



666666

Same Dimension

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



9C008B



CC00B6



9C003E



4F474E



8F007F



0F000E

Inverse Universe

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



9C008B



CC00B6



009C5E



4F474E



8F007F



0F000E

Previews

White Background



This preview shows how the Hex color 9C008B looks on a white background.

Color Contrast Check

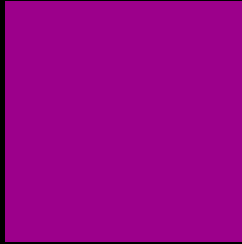
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Hex color 9C008B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

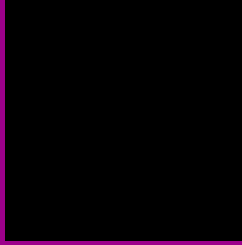
Any Text WCAG AA × Fail

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 9C008B Background



This preview shows how black text looks on a background with the Hex color 9C008B.



This preview shows how white text looks on a background with the Hex color 9C008B.

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



Original Color

9C008B

Protanopia

0054B2



Deuteranopia

435782






Tritanopia
94373A

Trichromacy

	Original Color 9C008B
	Protanomaly 3935A4
	Deuteranomaly 633785
	Tritanomaly 972357

Monochromacy

	Original Color 9C008B
	Achromatopsia 3E3E3E
	Achromatomaly 60275A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C008B 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 #9C008B looks like.

```
.text, #text, p{  
    color:#9C008B  
}
```

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 #9C008B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C008B
}
```

Border

The CSS property to change the border of an element to Hex 9C008B 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
#9C008B }
```

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

```
.border{ border-color:#9C008B }
```

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

Here you see how a box with a 4 pixel #9C008B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C008B; -webkit-box-shadow:4px 4px  
4px 4px #9C008B; box-shadow:4px 4px 4px  
4px #9C008B }
```

Background

The CSS property to change the background color of an element to Hex 9C008B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C008B }
```

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

```
.background{ background-color:#9C008B }
```

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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