

# Converting Colors

Hex(9C0098)

Have a look what the booklet for  
Hex(9C0098) contains.

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**Color**

**Hex(9C0098)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C0098
RGB	156, 0, 152
RGB Percent	61%, 0%, 60%
CMY	0.3882, 1.0000, 0.4039
CMYK	0.00, 1.00, 0.03, 0.39
HSL	302°, 100%, 31%
HSV	302°, 100%, 61%
XYZ	19.3778, 9.3349, 30.4863
YIQ	63.9720, 44.1840, 80.3440

# Conversions

## Conversions Part 2

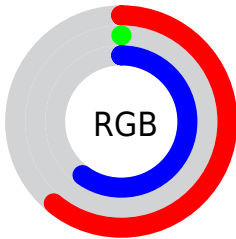
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 0, 152
Decimal	10223768
CIELab	36.62, 67.46, -40.11
CIElCh	37, 78.488, 329.263
Yxy	9.3349, 0.3273, 0.1577
Android (android.graphics.Color)	4288413848 (0xFF9C0098)
YUV	63.9720, 43.3978, 80.7086
Hunter-Lab	30.5531, 59.7428, -37.7731

# Details

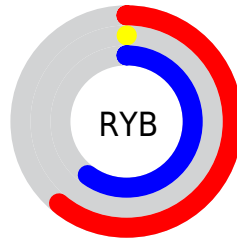
The Hex color **9C0098** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **009C04**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **D650CF**, and **640064** is the 20% darker color. If you saturate the color by 10%, you get **9C0098**, and if you desaturate by 10%, it is **9C1098**.

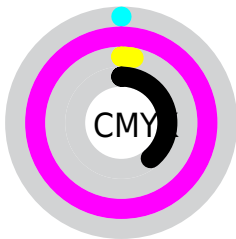
# Distribution



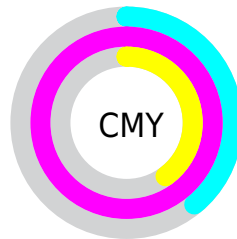
- Red (61%)
- Green (0%)
- Blue (60%)



- Red (61%)
- Yellow (0%)
- Blue (60%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (39%)



- Cyan (39%)
- Magenta (100%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C0098 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 9C0098 by changing the saturation by 10% instead.



 9C0098

 9C0098

FFFFFF

 80007E

 D650CF

 640064

 F46DEB

 49004C

 FF89FF

 2F0034

 FFA6FF

 06001E

 FFC3FF

 000000

 FFE0FF

 FFFEFF

 9C0098

 9C1098

 9C1F99

 9C2F99

 9C3E9A

 9C4E9A

 9C5E9A

 9C6D9B

 9C7D9B

 9C8C9C

# Harmonies

## Analogous

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



3A46C7



9C0098



BC005B

# Triad

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



9C0098



6B5400



006F93

# Complementary

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



9C0098



009C04

# 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.



006E53



9C0098



286300

# Square

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



9C0098



9A3500



006B04



006CC4

# Rectangle

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



9C0098



BD0032



006B04



006F7F



# Sweetspot

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



9C0098



CC8FCA



03009C



664165



E6E6E6



666666



# Same Dimension

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



9C0098



CC00C7



9C004B



4F474F



8F008B



0F000F



# Inverse Universe

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



9C0098



CC00C7



009C51



4F474F



8F008B



0F000F



# Previews

## White Background



This preview shows how the Hex color 9C0098 looks on a white background.

## Color Contrast Check

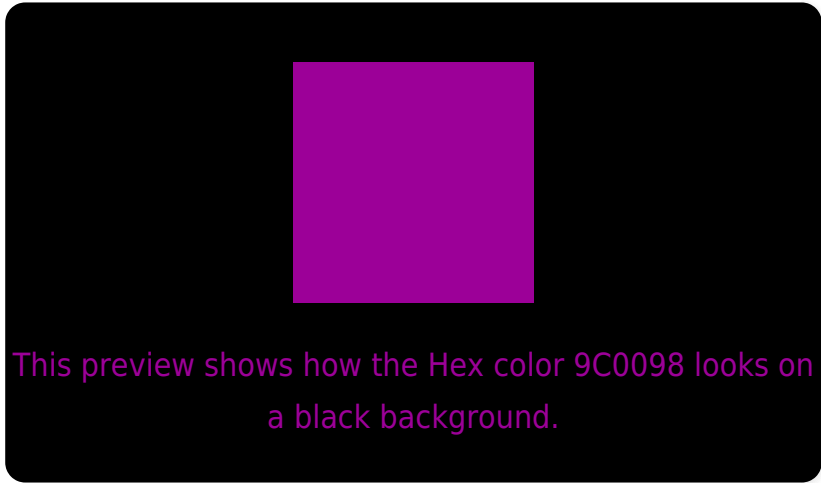
Large Text (above 18pt) WCAG AA ✓ Pass

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

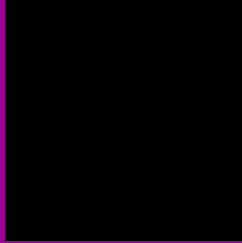
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9C0098 Background



This preview shows how black text looks on a background with the Hex color 9C0098.



This preview shows how white text looks on a background with the Hex color 9C0098.

# 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**  
933C40

# Trichromacy



**Original Color**  
9C0098



**Protanomaly**  
3937AB



**Deuteranomaly**  
5D3992



**Tritanomaly**  
962660

# Monochromacy



**Original Color**  
9C0098



**Achromatopsia**  
404040



**Achromatomaly**  
612960

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C0098 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 #9C0098 looks like.

```
.text, #text, p{  
    color:#9C0098  
}
```

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 #9C0098 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C0098
}
```

## Border

The CSS property to change the border of an element to Hex 9C0098 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
#9C0098 }
```

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

```
.border{ border-color:#9C0098 }
```

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

Here you see how a box with a 4 pixel #9C0098 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C0098; -webkit-box-shadow:4px 4px  
4px 4px #9C0098; box-shadow:4px 4px 4px  
4px #9C0098 }
```

# Background

The CSS property to change the background color of an element to Hex 9C0098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C0098 }
```

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

```
.background{ background-color:#9C0098 }
```

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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