

# Converting Colors

Hex(9C0C68)

Have a look what the booklet for  
Hex(9C0C68) contains.

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# Color

Hex(9C0C68)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C0C68
RGB	156, 12, 104
RGB Percent	61%, 5%, 41%
CMY	0.3882, 0.9529, 0.5922
CMYK	0.00, 0.92, 0.33, 0.39
HSL	322°, 86%, 33%
HSV	322°, 92%, 61%
XYZ	16.3405, 8.3303, 13.8434
YIQ	65.5440, 56.2920, 59.1400

# Conversions

## Conversions Part 2

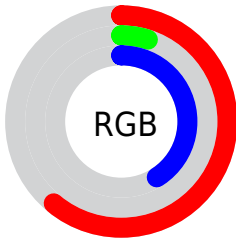
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 12, 104
Decimal	10226792
CIE <sub>Lab</sub>	34.66, 59.65, -13.22
CIE <sub>LCh</sub>	35, 61.100, 347.504
Yxy	8.3303, 0.4243, 0.2163
Android (android.graphics.Color)	4288416872 (0xFF9C0C68)
YUV	65.5440, 18.9588, 79.3299
Hunter-Lab	28.8623, 50.5491, -8.2339

# Details

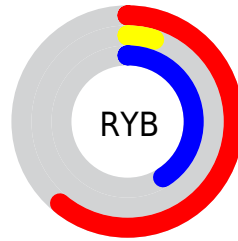
The Hex color **9C0C68** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **0C9C40**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **D7519B**, and **630039** is the 20% darker color. If you saturate the color by 10%, you get **9C0064**, and if you desaturate by 10%, it is **9C1C6E**.

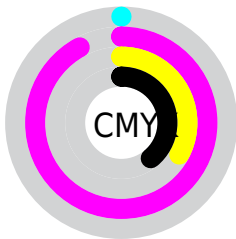
# Distribution



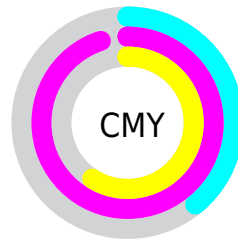
- Red (61%)
- Green (5%)
- Blue (41%)



- Red (61%)
- Yellow (5%)
- Blue (41%)



- Cyan (0%)
- Magenta (92%)
- Yellow (33%)
- Black (39%)



- Cyan (39%)
- Magenta (95%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C0C68 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 9C0C68 by changing the saturation by 10% instead.



 9C0C68

 9C0C68

FFFFFF

 7F0050

 D7519B

 630039

 F46DB6

 480023

 FF89D2

 2E000B

 FFA5EE

 000000

 FFC2FF

 FFDFFF

 FFFCFF

 9C0C68

 9C0C68

■ 9C0064

■ 9C1C6E

■ 9C2B73

■ 9C3B79

■ 9C4A7F

■ 9C5A84

■ 9C6A8A

■ 9C798F

■ 9C8995

■ 9C989B

# Harmonies

## Analogous

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



753394



9C0C68



A40738

# Triad

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



9C0C68



4A5800



006499

# Complementary

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



9C0C68



0C9C40

# 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.



00666E



9C0C68



006100

# Square

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



9C0C68



754800



00653B



005DB2

# Rectangle

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



9C0C68



9C2318



00653B



00658C



# Sweetspot

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



9C0C68



CC93B7



3E0C9C



664359



E6E6E6



666666



# Same Dimension

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



9C0C68



CC0082



9C0C22



4F474C



8F005B



0F000A



# Inverse Universe

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



9C0C68



CC0082



0C9C86



4F474C



8F005B



0F000A



# Previews

## White Background



This preview shows how the Hex color 9C0C68 looks on a white background.

## Color Contrast Check

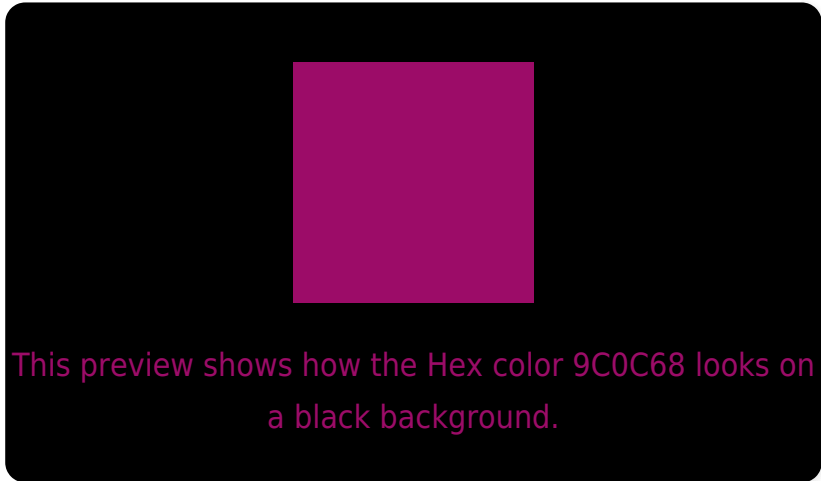
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C0C68 Background



This preview shows how black text looks on a background with the Hex color 9C0C68.



This preview shows how white text looks on a background with the Hex color 9C0C68.

# 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**  
982A2C

# Trichromacy



**Original Color**  
9C0C68



**Protanomaly**  
5A3983



**Deuteranomaly**  
6F3964



**Tritanomaly**  
991F42

# Monochromacy



**Original Color**  
9C0C68



**Achromatopsia**  
424242



**Achromatomaly**  
632E50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C0C68 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 #9C0C68 looks like.

```
.text, #text, p{  
    color:#9C0C68  
}
```

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 #9C0C68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C0C68
}
```

## Border

The CSS property to change the border of an element to Hex 9C0C68 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
#9C0C68 }
```

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

```
.border{ border-color:#9C0C68 }
```

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

Here you see how a box with a 4 pixel #9C0C68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C0C68; -webkit-box-shadow:4px 4px  
4px 4px #9C0C68; box-shadow:4px 4px 4px  
4px #9C0C68 }
```

# Background

The CSS property to change the background color of an element to Hex 9C0C68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C0C68 }
```

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

```
.background{ background-color:#9C0C68 }
```

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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