

Converting Colors

Hex(9C0648)

Have a look what the booklet for
Hex(9C0648) contains.

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Color

Hex(9C0648)

Conversions

Conversions Part 1

Format	Color
Hex	9C0648
RGB	156, 6, 72
RGB Percent	61%, 2%, 28%
CMY	0.3882, 0.9765, 0.7176
CMYK	0.00, 0.96, 0.54, 0.39
HSL	334°, 93%, 32%
HSV	334°, 96%, 61%
XYZ	14.9451, 7.6660, 6.8229
YIQ	58.3740, 68.2140, 52.3260

Conversions

Conversions Part 2

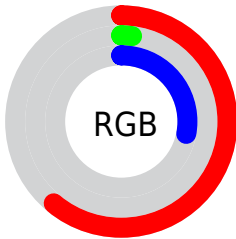
Format	Color
R_YB	156, 6, 72
Decimal	10225224
CIE Lab	33.28, 57.47, 5.52
CIE LCh	33, 57.733, 5.489
Yxy	7.6660, 0.5077, 0.2604
Android (android.graphics.Color)	4288415304 (0xFF9C0648)
YUV	58.3740, 6.7176, 85.6180
Hunter-Lab	27.6876, 47.8967, 4.7709

Details

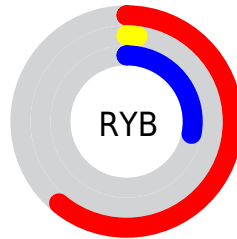
The Hex color **9C0648** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **069C5A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **D84E78**, and **62001D** is the 20% darker color. If you saturate the color by 10%, you get **9C0045**, and if you desaturate by 10%, it is **9C1651**.

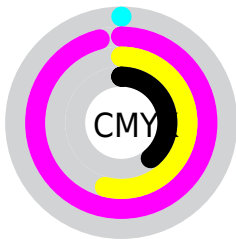
Distribution



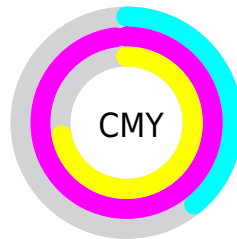
- Red (61%)
- Green (2%)
- Blue (28%)



- Red (61%)
- Yellow (2%)
- Blue (28%)



- Cyan (0%)
- Magenta (96%)
- Yellow (54%)
- Black (39%)



- Cyan (39%)
- Magenta (98%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C0648 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 9C0648 by changing the saturation by 10% instead.

 9C0648

 9C0648

FFFFFF

 7F0032

 D84E78

 62001D

 F66A92

 470002

 FF85AC

 290001

 FFA2C8

 000000

 FFBEE4

 FFDBFF

 FFF9FF

 9C0648

 9C0648

■ 9C0045

■ 9C1651

■ 9C2559

■ 9C3562

■ 9C446B

■ 9C5474

■ 9C647C

■ 9C7385

■ 9C838E

■ 9C9297

Harmonies

Analogous

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



8A2075



9C0648



96221C

Triad

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



9C0648



265A00



005DA2

Complementary

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



9C0648



069C5A

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.



006183



9C0648



005F25

Square

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



9C0648



594F00



006156



0052AA

Rectangle

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



9C0648



873500



006156



005F9A

Sweetspot

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



9C0648



CC91AB



58069C



664252



E6E6E6



666666

Same Dimension

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



9C0648



CC005A



9C0E06



4F474B



8F003F



0F0007

Inverse Universe

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



9C0648



CC005A



06959C



4F474B



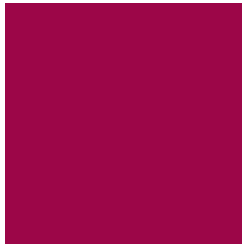
8F003F



0F0007

Previews

White Background



This preview shows how the Hex color 9C0648 looks on a white background.

Color Contrast Check

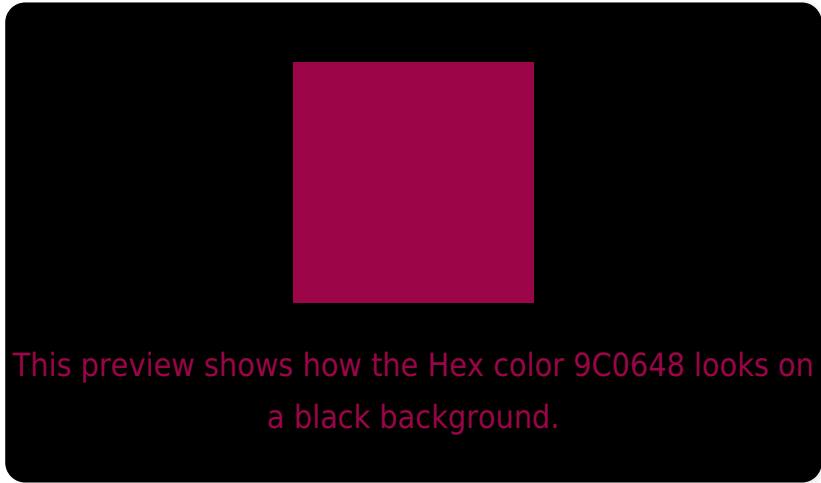
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C0648 Background



This preview shows how black text looks on a background with the Hex color 9C0648.

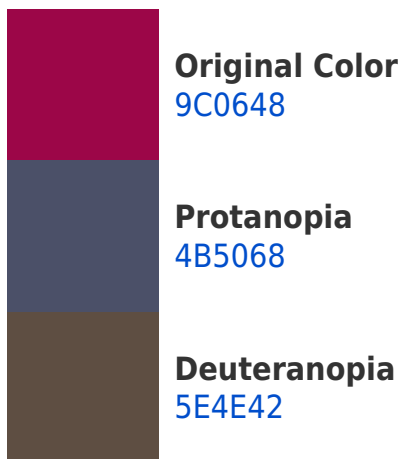


This preview shows how white text looks on a background with the Hex color 9C0648.

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
9A1D1D

Trichromacy



Original Color
9C0648

Protanomaly
68355C

Deuteranomaly
753444

Tritanomaly
9B152D

Monochromacy



Original Color
9C0648

Achromatopsia
3A3A3A

Achromatomaly
5E273F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C0648 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 #9C0648 looks like.

```
.text, #text, p{  
    color:#9C0648  
}
```

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 #9C0648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C0648
}
```

Border

The CSS property to change the border of an element to Hex 9C0648 is called "border". The border property can be set on classes, ids or directly on the HTML element.

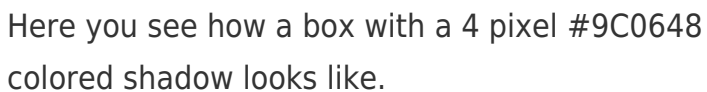
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C0648 }
```

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

```
.border{ border-color:#9C0648 }
```

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



Here you see how a box with a 4 pixel #9C0648 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C0648; -webkit-box-shadow:4px 4px  
4px 4px #9C0648; box-shadow:4px 4px 4px  
4px #9C0648 }
```

Background

The CSS property to change the background color of an element to Hex 9C0648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C0648 }
```

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

```
.background{ background-color:#9C0648 }
```

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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