

# Converting Colors

Hex(9C0D3C)

Have a look what the booklet for  
Hex(9C0D3C) contains.

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# Color

Hex(9C0D3C)

# Conversions

## Conversions Part 1

Format	Color
Hex	9C0D3C
RGB	156, 13, 60
RGB Percent	61%, 5%, 24%
CMY	0.3882, 0.9490, 0.7647
CMYK	0.00, 0.92, 0.62, 0.39
HSL	340°, 85%, 33%
HSV	340°, 92%, 61%
XYZ	14.6698, 7.6820, 4.9846
YIQ	61.1150, 70.1410, 44.9330

# Conversions

## Conversions Part 2

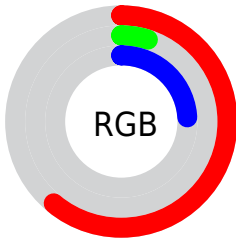
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 13, 60
Decimal	10227004
CIELab	33.31, 55.65, 13.47
CIElCh	33, 57.262, 13.610
Yxy	7.6820, 0.5366, 0.2810
Android (android.graphics.Color)	4288417084 (0xFF9C0D3C)
YUV	61.1150, -0.5497, 83.2141
Hunter-Lab	27.7164, 45.9732, 8.7387

# Details

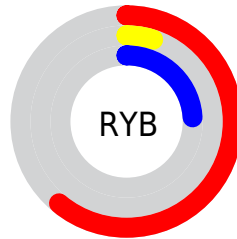
The Hex color **9C0D3C** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0D9C6D**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **D84F6B**, and **610012** is the 20% darker color. If you saturate the color by 10%, you get **9C0033**, and if you desaturate by 10%, it is **9C1D46**.

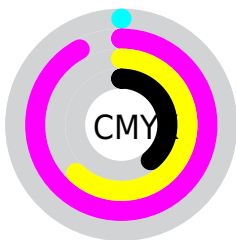
# Distribution



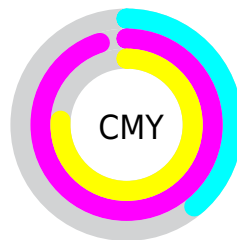
- Red (61%)
- Green (5%)
- Blue (24%)



- Red (61%)
- Yellow (5%)
- Blue (24%)



- Cyan (0%)
- Magenta (92%)
- Yellow (62%)
- Black (39%)



- Cyan (39%)
- Magenta (95%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C0D3C 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 9C0D3C by changing the saturation by 10% instead.



 9C0D3C

 9C0D3C

FFFFFF

 7E0027

 D84F6B

 610012

 F76B84

 460001

 FF879E

 280001

 FFA3B9

 000000

 FFBFD5

 FFDCF1

 FFFAFF

 9C0D3C

 9C0D3C

■ 9C0033

■ 9C1D46

■ 9C2C51

■ 9C3C5B

■ 9C4B66

■ 9C5B70

■ 9C6B7B

■ 9C7A85

■ 9C8A90

■ 9C999A

# Harmonies

## Analogous

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



911869



9C0D3C



902B0F

# Triad

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



9C0D3C



0D5C00



005BA6

# Complementary

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



9C0D3C



0D9C6D

# 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.



00608C



9C0D3C



006033

# Square

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



9C0D3C



4E5300



006262



004DA8

# Rectangle

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



9C0D3C



7F3C00



006262



005DA0



# Sweetspot

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



9C0D3C



CC93A6



6C0D9C



66434F



E6E6E6



666666



# Same Dimension

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



9C0D3C



CC0043



9C250D



4F474A



8F002F



0F0005



# Inverse Universe

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



9C0D3C



CC0043



0D849C



4F474A



8F002F

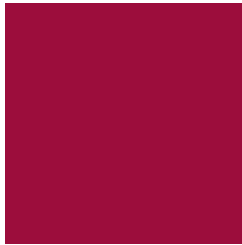


0F0005



# Previews

## White Background



This preview shows how the Hex color 9C0D3C looks on a white background.

## Color Contrast Check

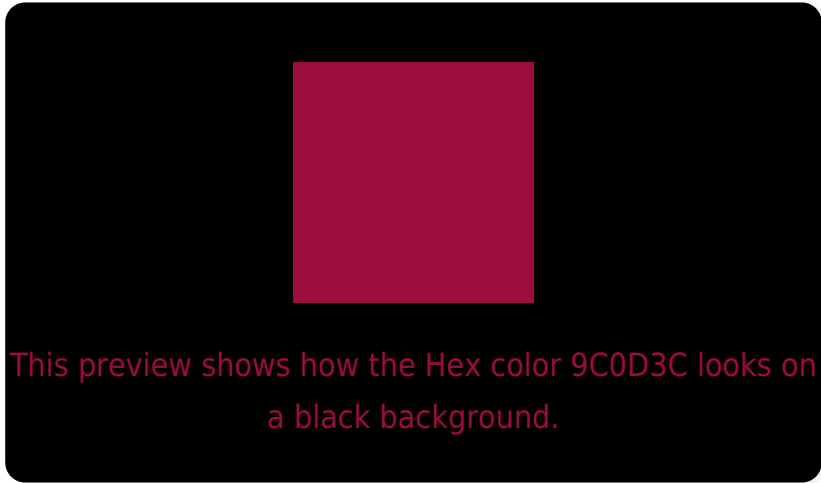
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C0D3C Background



This preview shows how black text looks on a background with the Hex color 9C0D3C.



This preview shows how white text looks on a background with the Hex color 9C0D3C.

# 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**  
9B1A19

# Trichromacy



**Original Color**  
9C0D3C

**Protanomaly**  
6C384D

**Deuteranomaly**  
763638

**Tritanomaly**  
9B1526

# Monochromacy



**Original Color**  
9C0D3C

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
602C3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C0D3C 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 #9C0D3C looks like.

```
.text, #text, p{  
    color:#9C0D3C  
}
```

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 #9C0D3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C0D3C
}
```

## Border

The CSS property to change the border of an element to Hex 9C0D3C 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".

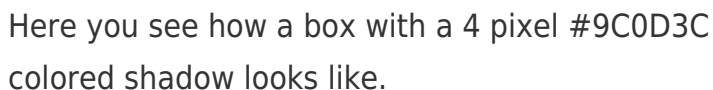
```
.border, #border, table{ border:4px solid
#9C0D3C }
```

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

```
.border{ border-color:#9C0D3C }
```

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

Here you see how a box with a 4 pixel #9C0D3C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C0D3C; -webkit-box-shadow:4px 4px  
4px 4px #9C0D3C; box-shadow:4px 4px 4px  
4px #9C0D3C }
```

# Background

The CSS property to change the background color of an element to Hex 9C0D3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C0D3C }
```

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

```
.background{ background-color:#9C0D3C }
```

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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