

# Converting Colors

Hex(9C0A34)

Have a look what the booklet for  
Hex(9C0A34) contains.

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**Color**

**Hex(9C0A34)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C0A34
RGB	156, 10, 52
RGB Percent	61%, 4%, 20%
CMY	0.3882, 0.9608, 0.7961
CMYK	0.00, 0.94, 0.67, 0.39
HSL	343°, 88%, 33%
HSV	343°, 94%, 61%
XYZ	14.4387, 7.5329, 3.9418
YIQ	58.4420, 73.5340, 44.0140

# Conversions

## Conversions Part 2

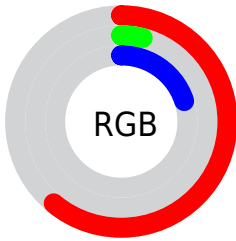
Format	Color
R <sub>Y</sub> B	156, 10, 52
Decimal	10226228
CIE Lab	32.99, 55.62, 18.30
CIE LCh	33, 58.556, 18.216
Yxy	7.5329, 0.5572, 0.2907
Android (android.graphics.Color)	4288416308 (0xFF9C0A34)
YUV	58.4420, -3.1759, 85.5584
Hunter-Lab	27.4462, 45.8730, 10.6971

# Details

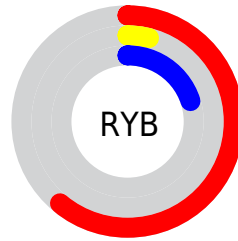
The Hex color **9C0A34** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0A9C72**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **D94E62**, and **610008** is the 20% darker color. If you saturate the color by 10%, you get **9C002D**, and if you desaturate by 10%, it is **9C1A3F**.

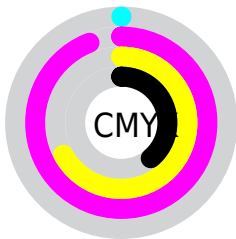
# Distribution



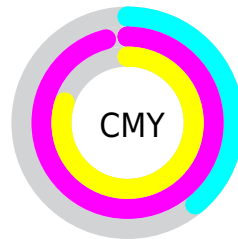
- Red (61%)
- Green (4%)
- Blue (20%)



- Red (61%)
- Yellow (4%)
- Blue (20%)



- Cyan (0%)
- Magenta (94%)
- Yellow (67%)
- Black (39%)



- Cyan (39%)
- Magenta (96%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C0A34 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 9C0A34 by changing the saturation by 10% instead.





9C0A34



9C0A34

FFFFFF



7E001F



D94E62



610008



F86A7B



450001



FF8695



270001



FFA2AF



000000



FFBECB



FFDBE7



FFF8FF



9C0A34



9C0A34

■ 9C002D

■ 9C1A3F

■ 9C294A

■ 9C3955

■ 9C4860

■ 9C586C

■ 9C6877

■ 9C7782

■ 9C878D

■ 9C9698

# Harmonies

## Analogous

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



950C62



9C0A34



8D2D03

# Triad

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



9C0A34



005C00



0059A9

# Complementary

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



9C0A34



0A9C72

# 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.



005F92



9C0A34



006039

# Square

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



9C0A34



465400



006169



004AA7

# Rectangle

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



9C0A34



7A3E00



006169



005CA4



# Sweetspot

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



9C0A34



CC93A3



700A9C



66434D



E6E6E6



666666



# Same Dimension

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



9C0A34



CC003B



9C270A



4F4749



8F0029



0F0004



# Inverse Universe

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



9C0A34



CC003B



0A7F9C



4F4749



8F0029

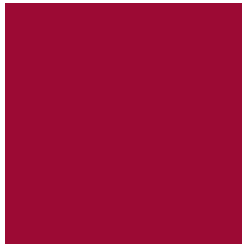


0F0004



# Previews

## White Background



This preview shows how the Hex color 9C0A34 looks on a white background.

## Color Contrast Check

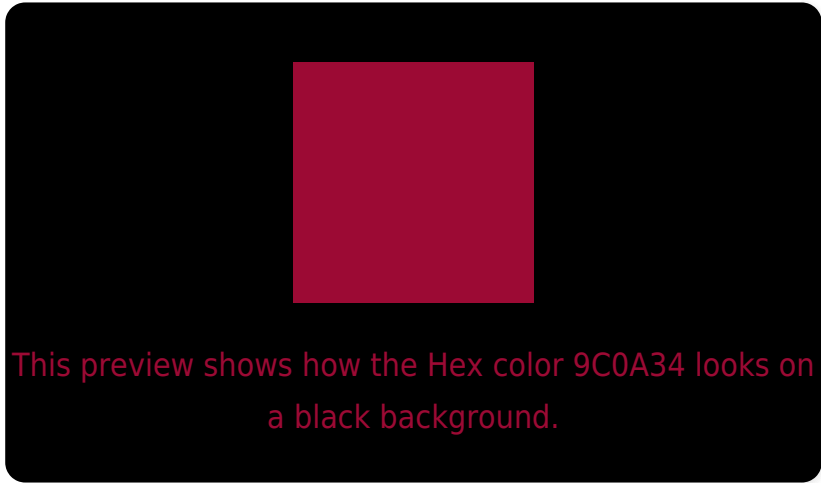
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C0A34 Background



This preview shows how black text looks on a background with the Hex color 9C0A34.




This preview shows how white text looks on a background with the Hex color 9C0A34.

# 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**  
9B1714

# Trichromacy



**Original Color**  
9C0A34

**Protanomaly**  
6D3743

**Deuteranomaly**  
773430

**Tritanomaly**  
9B1220

# Monochromacy



**Original Color**  
9C0A34

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
5E2938

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C0A34 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 #9C0A34 looks like.

```
.text, #text, p{  
    color:#9C0A34  
}
```

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 #9C0A34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C0A34
}
```

## Border

The CSS property to change the border of an element to Hex 9C0A34 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".

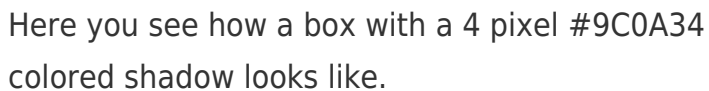
```
.border, #border, table{ border:4px solid
#9C0A34 }
```

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

```
.border{ border-color:#9C0A34 }
```

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

Here you see how a box with a 4 pixel #9C0A34 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C0A34; -webkit-box-shadow:4px 4px  
4px 4px #9C0A34; box-shadow:4px 4px 4px  
4px #9C0A34 }
```

# Background

The CSS property to change the background color of an element to Hex 9C0A34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C0A34 }
```

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

```
.background{ background-color:#9C0A34 }
```

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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