

# Converting Colors

Hex(9C1131)

Have a look what the booklet for  
Hex(9C1131) contains.

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**Color**

**Hex(9C1131)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C1131
RGB	156, 17, 49
RGB Percent	61%, 7%, 19%
CMY	0.3882, 0.9333, 0.8078
CMYK	0.00, 0.89, 0.69, 0.39
HSL	346°, 80%, 34%
HSV	346°, 89%, 61%
XYZ	14.4651, 7.6906, 3.6278
YIQ	62.2090, 72.5720, 39.4200

# Conversions

## Conversions Part 2

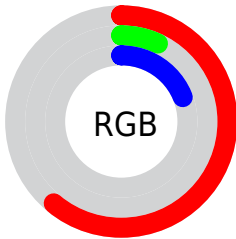
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 17, 49
Decimal	10228017
CIE Lab	33.33, 54.32, 20.70
CIE LCh	33, 58.130, 20.856
Yxy	7.6906, 0.5610, 0.2983
Android (android.graphics.Color)	4288418097 (0xFF9C1131)
YUV	62.2090, -6.5120, 82.2547
Hunter-Lab	27.7319, 44.5760, 11.6563

# Details

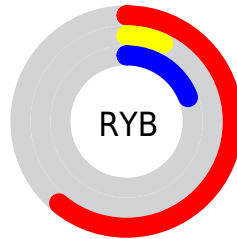
The Hex color **9C1131** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **119C7C**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **D9515F**, and **610003** is the 20% darker color. If you saturate the color by 10%, you get **9C0125**, and if you desaturate by 10%, it is **9C213D**.

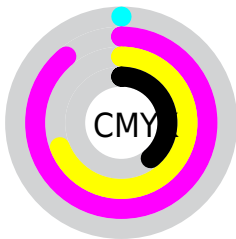
# Distribution



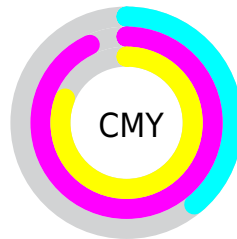
- Red (61%)
- Green (7%)
- Blue (19%)



- Red (61%)
- Yellow (7%)
- Blue (19%)



- Cyan (0%)
- Magenta (89%)
- Yellow (69%)
- Black (39%)



- Cyan (39%)
- Magenta (93%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C1131 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 9C1131 by changing the saturation by 10% instead.



 9C1131

 9C1131

FFFFFF

 7E001C

 D9515F

 610003

 F86C77

 440001

 FF8891

 270001

 FFA4AC

 000000

 FFC0C7

 FFDDE3

 FFFAFF

 9C1131

 9C1131

■ 9C0125

■ 9C213D

■ 9C0024

■ 9C3049

■ 9C4055

■ 9C4F61

■ 9C5F6D

■ 9C6F79

■ 9C7E85

■ 9C8E91

■ 9C9D9D

# Harmonies

## Analogous

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



970D5F



9C1131



8B3100

# Triad

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



9C1131



005D08



0058AA

# Complementary

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



9C1131



119C7C

# 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.



006096



9C1131



00613E

# Square

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



9C1131



425600



00626E



1B49A6

# Rectangle

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



9C1131



784100



00626E



005CA6



# Sweetspot

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



9C1131



CC95A2



7C119C



66454D



E6E6E6



666666



# Same Dimension

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



9C1131



CC002F



9C3611



4F4749



8F0021



0F0004



# Inverse Universe

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



9C1131



CC002F



11779C



4F4749



8F0021

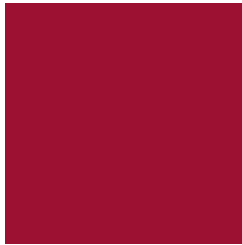


0F0004



# Previews

## White Background



This preview shows how the Hex color 9C1131 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 9C1131 Background



This preview shows how black text looks on a background with the Hex color 9C1131.



This preview shows how white text looks on a background with the Hex color 9C1131.

# 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



**Original Color**  
9C1131

**Protanopia**  
545047

**Deuteranopia**  
634D2A



**Tritanopia**  
9B1917

# Trichromacy



**Original Color**  
9C1131

**Protanomaly**  
6E393F

**Deuteranomaly**  
78372D

**Tritanomaly**  
9B1620

# Monochromacy



**Original Color**  
9C1131

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
602E39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C1131 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 #9C1131 looks like.

```
.text, #text, p{  
    color:#9C1131  
}
```

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 #9C1131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C1131
}
```

## Border

The CSS property to change the border of an element to Hex 9C1131 is called "border". The border property can be set on classes, ids or directly on the HTML element.

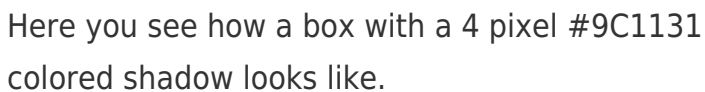
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C1131 }
```

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

```
.border{ border-color:#9C1131 }
```

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



Here you see how a box with a 4 pixel #9C1131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C1131; -webkit-box-shadow:4px 4px  
4px 4px #9C1131; box-shadow:4px 4px 4px  
4px #9C1131 }
```

# Background

The CSS property to change the background color of an element to Hex 9C1131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C1131 }
```

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

```
.background{ background-color:#9C1131 }
```

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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