

# Converting Colors

Hex(9C4F1C)

Have a look what the booklet for  
Hex(9C4F1C) contains.

<b>Hex(9C4F1C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9C4F1C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C4F1C
RGB	156, 79, 28
RGB Percent	61%, 31%, 11%
CMY	0.3882, 0.6902, 0.8902
CMYK	0.00, 0.49, 0.82, 0.39
HSL	24°, 70%, 36%
HSV	24°, 82%, 61%
XYZ	16.7159, 12.7437, 2.6774
YIQ	96.2090, 62.2630, 0.4630

# Conversions

## Conversions Part 2

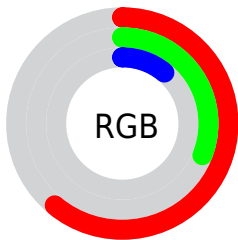
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 113, 28
Decimal	10243868
CIELab	42.37, 28.52, 42.49
CIElCh	42, 51.172, 56.128
Yxy	12.7437, 0.5201, 0.3965
Android (android.graphics.Color)	4288433948 (0xFF9C4F1C)
YUV	96.2090, -33.6270, 52.4367
Hunter-Lab	35.6984, 21.1112, 20.5421

# Details

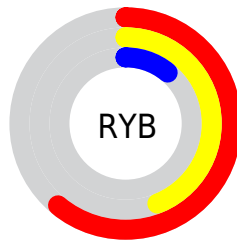
The Hex color **9C4F1C** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1C699C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **D8814C**, and **632000** is the 20% darker color. If you saturate the color by 10%, you get **9C460C**, and if you desaturate by 10%, it is **9C582C**.

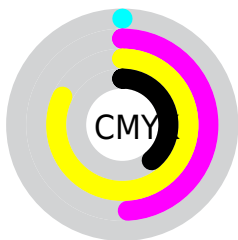
# Distribution



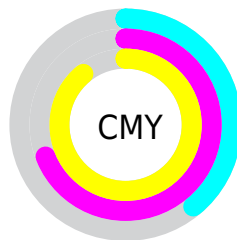
- Red (61%)
- Green (31%)
- Blue (11%)



- Red (61%)
- Yellow (44%)
- Blue (11%)



- Cyan (0%)
- Magenta (49%)
- Yellow (82%)
- Black (39%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C4F1C 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 9C4F1C by changing the saturation by 10% instead.





9C4F1C



9C4F1C

FFFFFF



7F3702



D8814C



632000



F69C65



460700



FFB77E



2D0000



FFD399



000000



FFEFB4



FFFFD0



FFF FEC



9C4F1C



9C4F1C

■ 9C460C

■ 9C582C

■ 9C3E00

■ 9C623B

■ 9C6B4B

■ 9C755A

■ 9C7E6A

■ 9C877A

■ 9C9189

■ 9C9A99

■ 9CA3A8

# Harmonies

## Analogous

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



AE3E42



9C4F1C



7D6000

# Triad

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



9C4F1C



00775D



585BB0

# Complementary

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



9C4F1C



1C699C

# 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.



006BB9



9C4F1C



007788

# Square

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



9C4F1C



0D7432



0074AA



914794

# Rectangle

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



9C4F1C



636900



0074AA



3761B6



# Sweetspot

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



9C4F1C



CCAD99



9C1C6B



665447



E6E6E6



666666



# Same Dimension

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



9C4F1C



CC5404



9C8D1C



4F4A47



8F3900



0F0600



# Inverse Universe

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



1C699C



047CCC



1C2B9C



474C4F



00568F



00090F



# Previews

## White Background



This preview shows how the Hex color 9C4F1C looks on a white background.

## Color Contrast Check

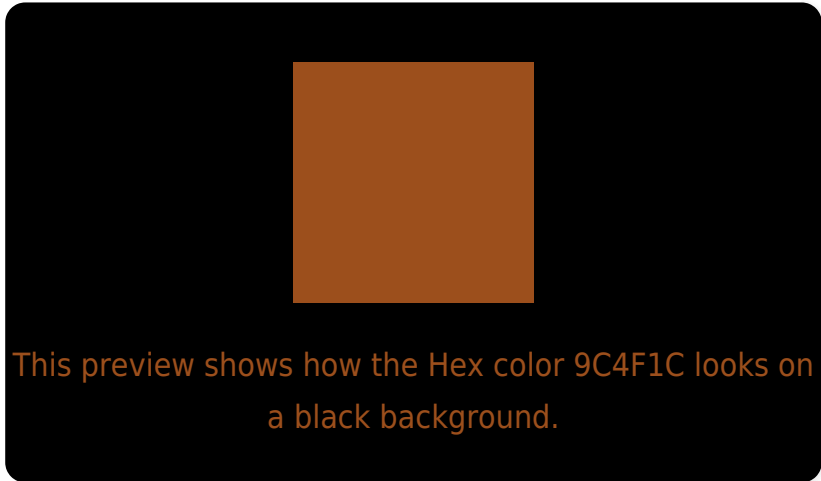
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 9C4F1C Background



This preview shows how black text looks on a background with the Hex color 9C4F1C.



This preview shows how white text looks on a background with the Hex color 9C4F1C.

# 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**  
9C4F1C

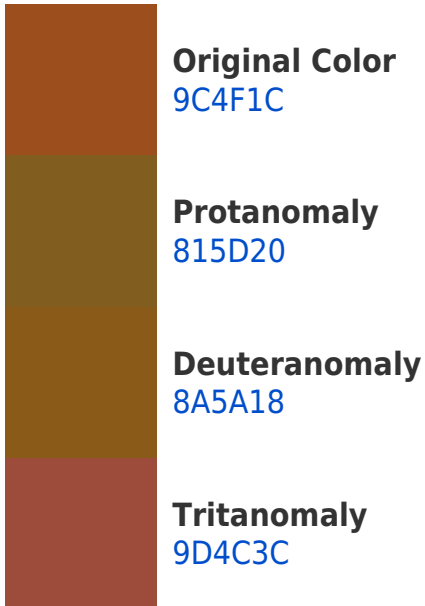
**Protanopia**  
716522

**Deuteranopia**  
7F6015

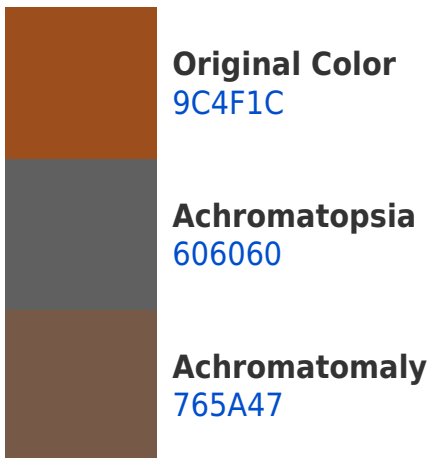


**Tritanopia**  
9E4A4F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C4F1C 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 #9C4F1C looks like.

```
.text, #text, p{  
    color:#9C4F1C  
}
```

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 #9C4F1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C4F1C
}
```

## Border

The CSS property to change the border of an element to Hex 9C4F1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

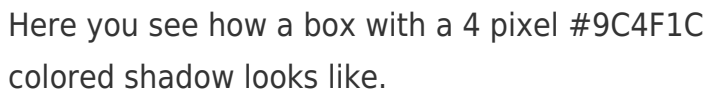
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C4F1C }
```

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

```
.border{ border-color:#9C4F1C }
```

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



Here you see how a box with a 4 pixel #9C4F1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C4F1C; -webkit-box-shadow:4px 4px  
4px 4px #9C4F1C; box-shadow:4px 4px 4px  
4px #9C4F1C }
```

# Background

The CSS property to change the background color of an element to Hex 9C4F1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C4F1C }
```

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

```
.background{ background-color:#9C4F1C }
```

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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