

# Converting Colors

Hex(9A551F)

Have a look what the booklet for  
Hex(9A551F) contains.

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**Color**

**Hex(9A551F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A551F
RGB	154, 85, 31
RGB Percent	60%, 33%, 12%
CMY	0.3961, 0.6667, 0.8784
CMYK	0.00, 0.45, 0.80, 0.40
HSL	26°, 66%, 36%
HSV	26°, 80%, 60%
XYZ	16.8222, 13.4660, 3.0089
YIQ	99.4750, 58.4580, -2.1660

# Conversions

## Conversions Part 2

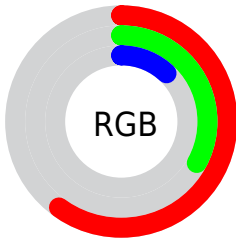
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 127, 31
Decimal	10114335
CIELab	43.46, 24.45, 42.05
CIELCh	43, 48.637, 59.825
Yxy	13.4660, 0.5052, 0.4044
Android (android.graphics.Color)	4288304415 (0xFF9A551F)
YUV	99.4750, -33.7582, 47.8184
Hunter-Lab	36.6960, 17.6104, 20.8257

# Details

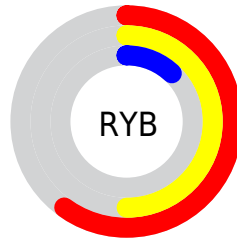
The Hex color **9A551F** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1F649A**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **D5874F**, and **622600** is the 20% darker color. If you saturate the color by 10%, you get **9A4C10**, and if you desaturate by 10%, it is **9A5E2E**.

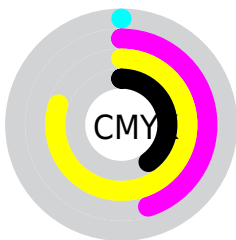
# Distribution



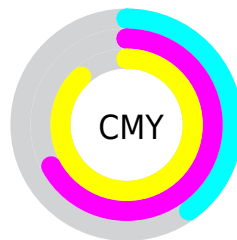
- Red (60%)
- Green (33%)
- Blue (12%)



- Red (60%)
- Yellow (50%)
- Blue (12%)



- Cyan (0%)
- Magenta (45%)
- Yellow (80%)
- Black (40%)



- Cyan (40%)
- Magenta (67%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A551F 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 9A551F by changing the saturation by 10% instead.



 9A551F

 9A551F

FFFFFF

 7D3D05

 D5874F

 622600

 F3A268

 451000

 FFBD82

 2C0000

 FFD99C

 000000

 FFF6B8

 FFFFD4

 FFFFF0

 9A551F

 9A551F

■ 9A4C10

■ 9A5E2E

■ 9A4400

■ 9A663E

■ 9A6F4D

■ 9A785D

■ 9A806C

■ 9A897B

■ 9A918B

■ 9A9A9A

■ 9AA3AA

# Harmonies

## Analogous

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



AD4541



9A551F



7B6507

# Triad

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



9A551F



007965



655CAD

# Complementary

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



9A551F



1F649A

# 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.



006BB7



9A551F



00798E

# Square

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



9A551F



0A773C



0075AC



974A90

# Rectangle

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



9A551F



616D0F



0075AC



4C62B3



# Sweetspot

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



9A551F



C9AE99



9A1F65



665548



E6E6E6



666666



# Same Dimension

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



9A551F



C95D08



9A921F



4D4845



8C3E00



0D0600



# Inverse Universe

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



1F649A



0875C9



1F279A



45494D



004F8C



00070D



# Previews

## White Background



This preview shows how the Hex color 9A551F 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

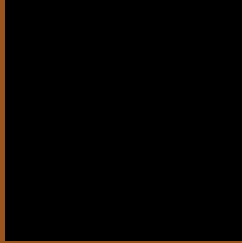
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9A551F Background



This preview shows how black text looks on a background with the Hex color 9A551F.



This preview shows how white text looks on a background with the Hex color 9A551F.

# 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**  
9A551F

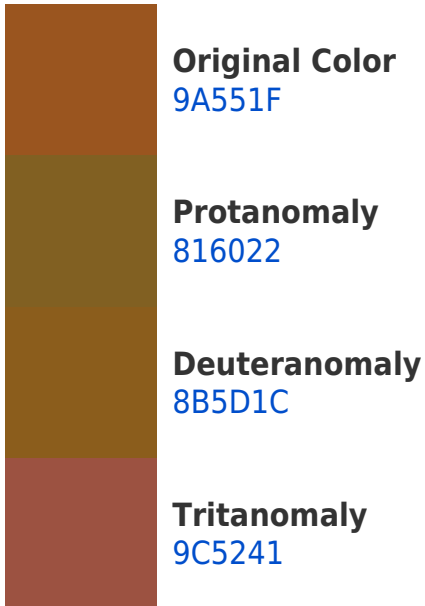
**Protanopia**  
736724

**Deuteranopia**  
82621A

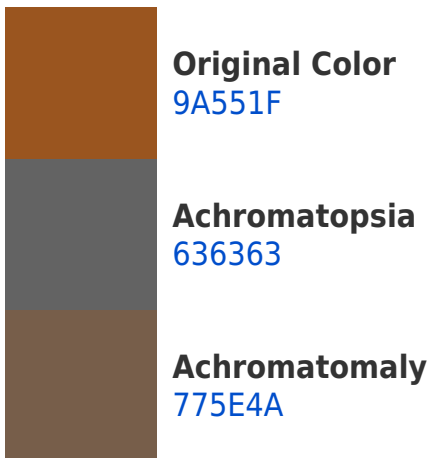


**Tritanopia**  
9D5055

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A551F 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 #9A551F looks like.

```
.text, #text, p{  
    color:#9A551F  
}
```

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 #9A551F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A551F
}
```

## Border

The CSS property to change the border of an element to Hex 9A551F is called "border". The border property can be set on classes, ids or directly on the HTML element.

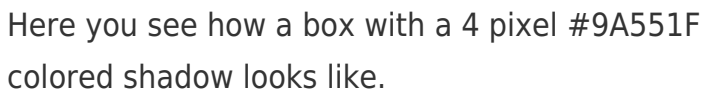
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A551F }
```

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

```
.border{ border-color:#9A551F }
```

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



Here you see how a box with a 4 pixel #9A551F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A551F; -webkit-box-shadow:4px 4px  
4px 4px #9A551F; box-shadow:4px 4px 4px  
4px #9A551F }
```

# Background

The CSS property to change the background color of an element to Hex 9A551F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A551F }
```

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

```
.background{ background-color:#9A551F }
```

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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