

# Converting Colors

Hex(9C6336)

Have a look what the booklet for  
Hex(9C6336) contains.

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**Color**

**Hex(9C6336)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C6336
RGB	156, 99, 54
RGB Percent	61%, 39%, 21%
CMY	0.3882, 0.6118, 0.7882
CMYK	0.00, 0.37, 0.65, 0.39
HSL	26°, 49%, 41%
HSV	26°, 65%, 61%
XYZ	18.8380, 16.2579, 5.6353
YIQ	110.9130, 48.4170, -1.9110

# Conversions

## Conversions Part 2

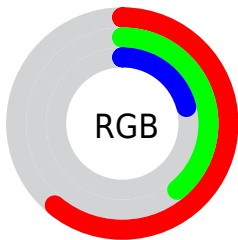
Format	Color
R <sub>Y</sub> B	156, 135, 54
Decimal	10249014
CIE Lab	47.31, 18.63, 34.62
CIE LCh	47, 39.317, 61.720
Yxy	16.2579, 0.4625, 0.3992
Android (android.graphics.Color)	4288439094 (0xFF9C6336)
YUV	110.9130, -28.0581, 39.5413
Hunter-Lab	40.3211, 12.8330, 19.9385

# Details

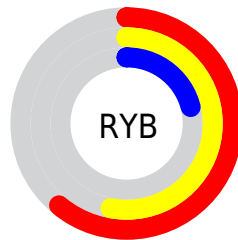
The Hex color **9C6336** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **366F9C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **D69666**, and **653407** is the 20% darker color. If you saturate the color by 10%, you get **9C5A26**, and if you desaturate by 10%, it is **9C6C46**.

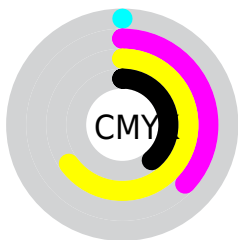
# Distribution



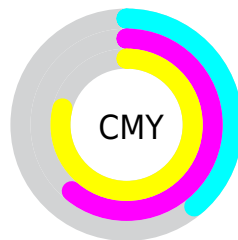
- Red (61%)
- Green (39%)
- Blue (21%)



- Red (61%)
- Yellow (53%)
- Blue (21%)



- Cyan (0%)
- Magenta (37%)
- Yellow (65%)
- Black (39%)



- Cyan (39%)
- Magenta (61%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C6336 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 9C6336 by changing the saturation by 10% instead.



 9C6336

 9C6336

FFFFFF

 804B1F

 D69666

 653407

 F3B180

 4A1E00

 FFCC9A

 300900

 FFE9B5

 110000

 FFFFD1

 000000

 FFFFED

 9C6336

 9C6336

 9C5A26

 9C6C46

■ 9C5217

■ 9C7455

■ 9C4907

■ 9C7D65

■ 9C4500

■ 9C8674

■ 9C8F84

■ 9C9794

■ 9CA0A3

■ 9CA9B3

■ 9CB1C2

# Harmonies

## Analogous

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



AC584F



9C6336



816F2B

# Triad

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



9C6336



008171



7567A9

# Complementary

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



9C6336



366F9C

# 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.



3573B2



9C6336



008092

# Square

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



9C6336



337E50



007CAA



9A5A90

# Rectangle

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



9C6336



6C7630



007CAA



636BAE



# Sweetspot

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



9C6336



CCB5A3



9C3670



66584E



E6E6E6



666666



# Same Dimension

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



9C6336



CC732D



9C9536



4F4B47



8F3F00



0F0700



# Inverse Universe

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



366F9C



2D86CC



363D9C



474C4F



00508F

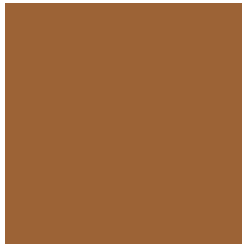


00090F



# Previews

## White Background



This preview shows how the Hex color 9C6336 looks on a white background.

## Color Contrast Check

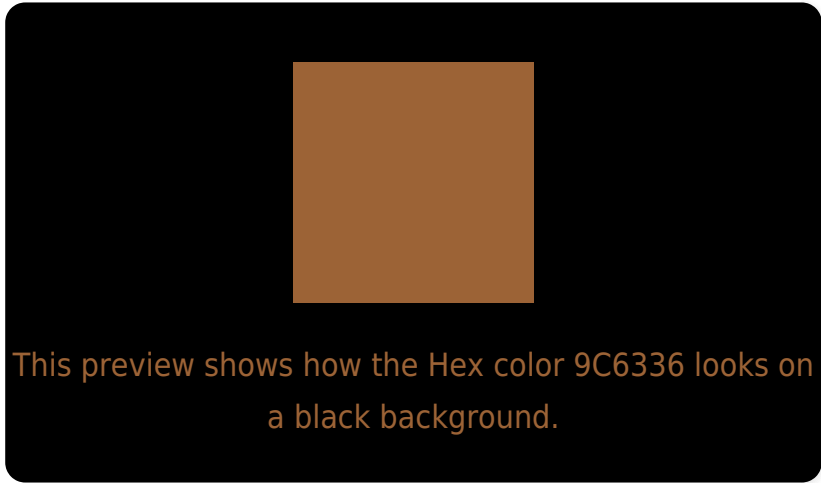
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C6336 Background



This preview shows how black text looks on a background with the Hex color 9C6336.



This preview shows how white text looks on a background with the Hex color 9C6336.

# 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**  
9C6336

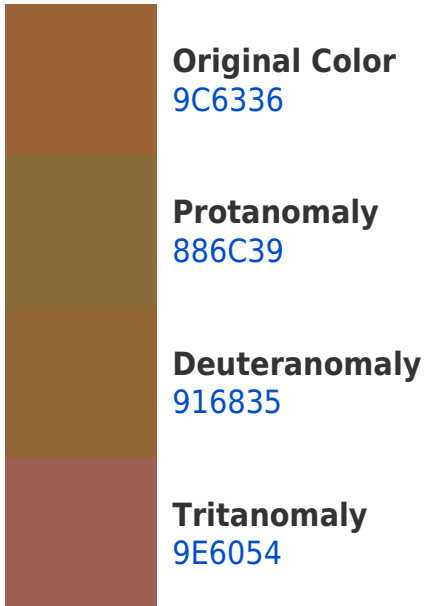
**Protanopia**  
7C713A

**Deuteranopia**  
8B6B34

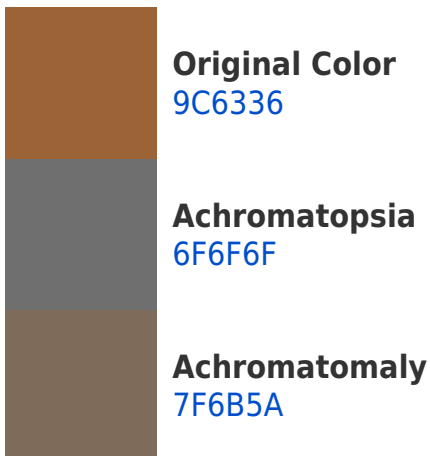


**Tritanopia**  
9F5E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C6336 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 #9C6336 looks like.

```
.text, #text, p{  
    color:#9C6336  
}
```

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 #9C6336 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C6336
}
```

## Border

The CSS property to change the border of an element to Hex 9C6336 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
#9C6336 }
```

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

```
.border{ border-color:#9C6336 }
```

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

Here you see how a box with a 4 pixel #9C6336 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C6336; -webkit-box-shadow:4px 4px  
4px 4px #9C6336; box-shadow:4px 4px 4px  
4px #9C6336 }
```

# Background

The CSS property to change the background color of an element to Hex 9C6336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C6336 }
```

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

```
.background{ background-color:#9C6336 }
```

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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