

# Converting Colors

Hex(9D4937)

Have a look what the booklet for  
Hex(9D4937) contains.

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# Color

**Hex(9D4937)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D4937
RGB	157, 73, 55
RGB Percent	62%, 29%, 22%
CMY	0.3843, 0.7137, 0.7843
CMYK	0.00, 0.54, 0.65, 0.38
HSL	11°, 48%, 42%
HSV	11°, 65%, 62%
XYZ	16.9768, 12.2090, 5.0762
YIQ	96.0640, 55.8420, 12.2100

# Conversions

## Conversions Part 2

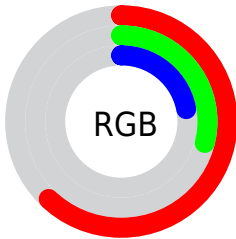
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 77, 55
Decimal	10307895
CIE <sub>Lab</sub>	41.55, 33.54, 27.24
CIE <sub>LCh</sub>	42, 43.205, 39.078
Yxy	12.2090, 0.4955, 0.3563
Android (android.graphics.Color)	4288497975 (0xFF9D4937)
YUV	96.0640, -20.2446, 53.4409
Hunter-Lab	34.9414, 25.5792, 15.8454

# Details

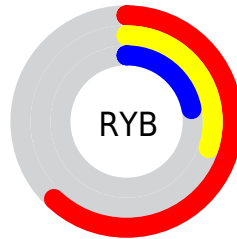
The Hex color **9D4937** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **378B9D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **D87C66**, and **64180C** is the 20% darker color. If you saturate the color by 10%, you get **9D3C27**, and if you desaturate by 10%, it is **9D5647**.

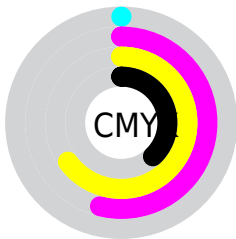
# Distribution



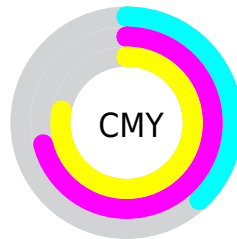
- Red (62%)
- Green (29%)
- Blue (22%)



- Red (62%)
- Yellow (30%)
- Blue (22%)



- Cyan (0%)
- Magenta (54%)
- Yellow (65%)
- Black (38%)



- Cyan (38%)
- Magenta (71%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D4937 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 9D4937 by changing the saturation by 10% instead.





9D4937



9D4937

FFFFFF



803121



D87C66



64180C



F6967F



490000



FFB19A



300001



FFCDB4



000000



FFEAD0



FFFEC



9D4937



9D4937



9D3C27



9D5647

■ 9D2F18

■ 9D6356

■ 9D2208

■ 9D7066

■ 9D1C00

■ 9D7D76

■ 9D8A86

■ 9D9795

■ 9DA4A5

■ 9DB0B5

■ 9DBDC4

# Harmonies

## Analogous

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



A34159



9D4937



89571D

# Triad

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



9D4937



007147



2D62A8

# Complementary

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



9D4937



378B9D

# 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.



006DA4



9D4937



00736C

# Square

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



9D4937



446C27



00728E



725499

# Rectangle

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



9D4937



766014



00728E



0066A9



# Sweetspot

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



9D4937



CCACA5



9D378C



66534F



E6E6E6



666666



# Same Dimension

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



9D4937



CC492D



9D7B37



4F4947



8F1900



0F0300



# Inverse Universe

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



378B9D



2DB0CC



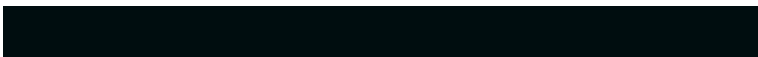
37599D



474E4F



00768F



000D0F



# Previews

## White Background



This preview shows how the Hex color 9D4937 looks on a white background.

## Color Contrast Check

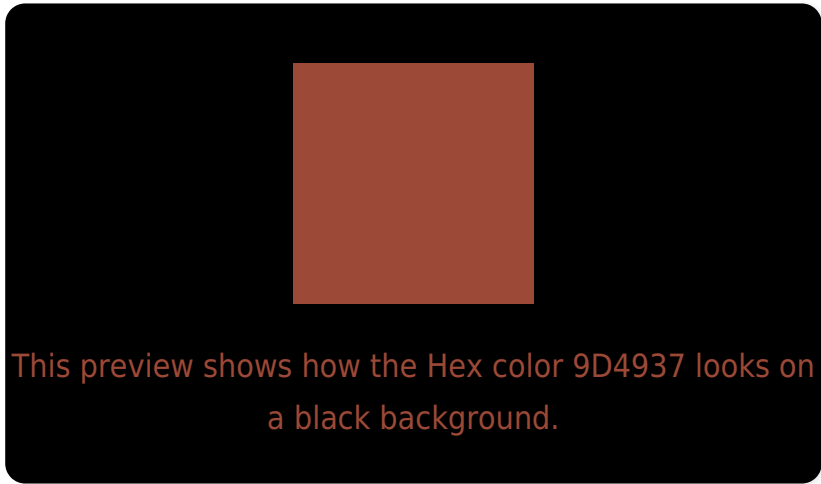
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D4937 Background



This preview shows how black text looks on a background with the Hex color 9D4937.

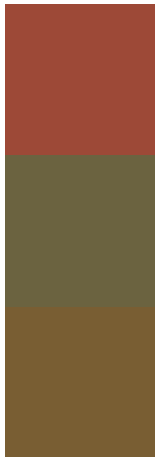


This preview shows how white text looks on a background with the Hex color 9D4937.

# 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**  
9D4937

**Protanopia**  
6B6340

**Deuteranopia**  
795E33



**Tritanopia**  
9E464B

# Trichromacy



**Original Color**  
9D4937

**Protanomaly**  
7D5A3D

**Deuteranomaly**  
865634

**Tritanomaly**  
9E4744

# Monochromacy



**Original Color**  
9D4937

**Achromatopsia**  
606060

**Achromatomaly**  
765851

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D4937 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 #9D4937 looks like.

```
.text, #text, p{  
    color:#9D4937  
}
```

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 #9D4937 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D4937
}
```

## Border

The CSS property to change the border of an element to Hex 9D4937 is called "border". The border property can be set on classes, ids or directly on the HTML element.

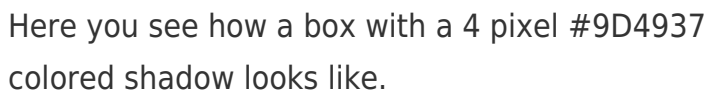
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D4937 }
```

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

```
.border{ border-color:#9D4937 }
```

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



Here you see how a box with a 4 pixel #9D4937 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D4937; -webkit-box-shadow:4px 4px  
4px 4px #9D4937; box-shadow:4px 4px 4px  
4px #9D4937 }
```

# Background

The CSS property to change the background color of an element to Hex 9D4937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D4937 }
```

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

```
.background{ background-color:#9D4937 }
```

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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