

# Converting Colors

Hex(9A3F37)

Have a look what the booklet for  
Hex(9A3F37) contains.

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# Color

**Hex(9A3F37)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A3F37
RGB	154, 63, 55
RGB Percent	60%, 25%, 22%
CMY	0.3961, 0.7529, 0.7843
CMYK	0.00, 0.59, 0.64, 0.40
HSL	5°, 47%, 41%
HSV	5°, 64%, 60%
XYZ	15.7935, 10.7009, 4.8475
YIQ	89.2970, 56.8040, 16.8040

# Conversions

## Conversions Part 2

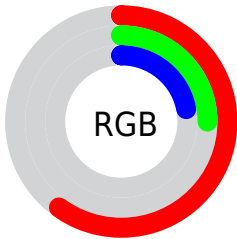
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 64, 55
Decimal	10108727
CIE <sub>Lab</sub>	39.07, 37.51, 24.07
CIE <sub>LCh</sub>	39, 44.563, 32.689
Yxy	10.7009, 0.5039, 0.3414
Android (android.graphics.Color)	4288298807 (0xFF9A3F37)
YUV	89.2970, -16.9084, 56.7445
Hunter-Lab	32.7122, 28.9339, 14.1126

# Details

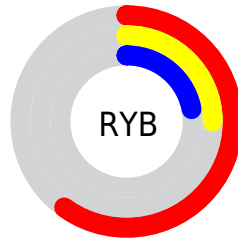
The Hex color **9A3F37** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **37929A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **D57266**, and **61090C** is the 20% darker color. If you saturate the color by 10%, you get **9A3128**, and if you desaturate by 10%, it is **9A4D46**.

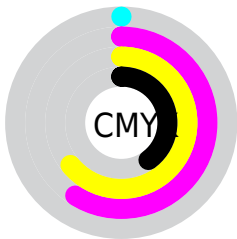
# Distribution



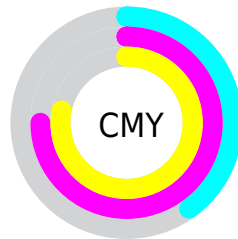
- Red (60%)
- Green (25%)
- Blue (22%)



- Red (60%)
- Yellow (25%)
- Blue (22%)



- Cyan (0%)
- Magenta (59%)
- Yellow (64%)
- Black (40%)



- Cyan (40%)
- Magenta (75%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A3F37 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 9A3F37 by changing the saturation by 10% instead.



 9A3F37

 9A3F37

FFFFFF

 7D2621

 D57266

 61090C

 F38C7F

 460000

 FFA799

 2D0002

 FFC3B4

 000000

 FFE0D0

 FFFDEC

 9A3F37

 9A3F37

 9A3128

 9A4D46

■ 9A2318

■ 9A5B56

■ 9A1509

■ 9A6965

■ 9A0C00

■ 9A7875

■ 9A8684

■ 9A9493

■ 9AA2A3

■ 9AB0B2

■ 9ABEC2

# Harmonies

## Analogous

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



9C385A



9A3F37



884E19

# Triad

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



9A3F37



006B39



005FA5

# Complementary

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



9A3F37



37929A

# 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.



00689C



9A3F37



006D5E

# Square

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



9A3F37



466519



006C82



605199

# Rectangle

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



9A3F37



76570A



006C82



0063A4



# Sweetspot

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



9A3F37



C9A6A3



9A3793



66504F



E6E6E6



666666



# Same Dimension

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



9A3F37



C93B2E



9A6F37



4D4545



8C0B00



0D0100



# Inverse Universe

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



37929A



2EBDC9



37629A



454C4D



00818C



000C0D



# Previews

## White Background



This preview shows how the Hex color 9A3F37 looks on a white background.

## Color Contrast Check

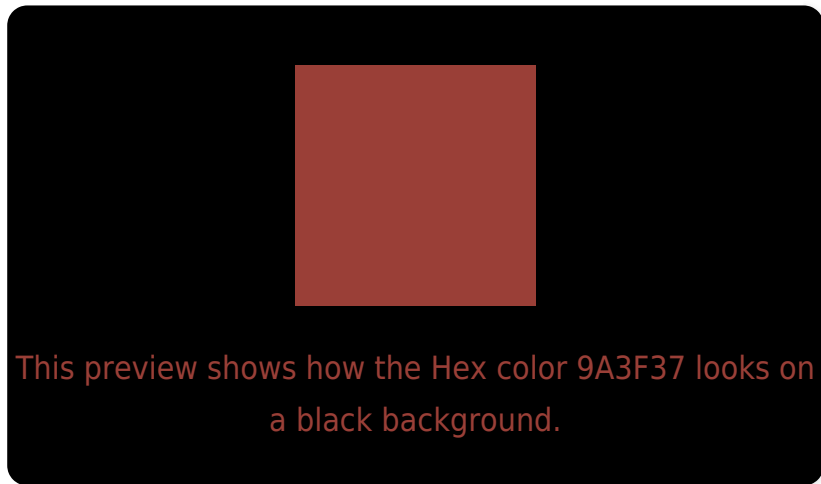
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A3F37 Background



This preview shows how black text looks on a background with the Hex color 9A3F37.



This preview shows how white text looks on a background with the Hex color 9A3F37.

# 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**  
9A3F37

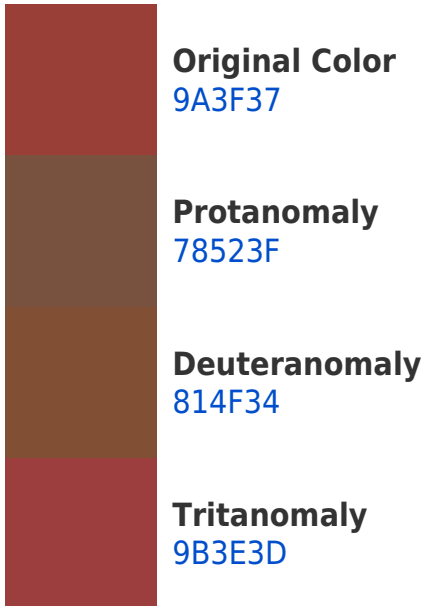
**Protanopia**  
645D43

**Deuteranopia**  
725832

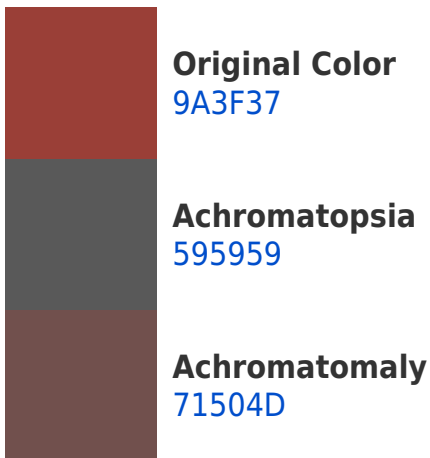


**Tritanopia**  
9B3D41

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A3F37 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 #9A3F37 looks like.

```
.text, #text, p{  
    color:#9A3F37  
}
```

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 #9A3F37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A3F37
}
```

## Border

The CSS property to change the border of an element to Hex 9A3F37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

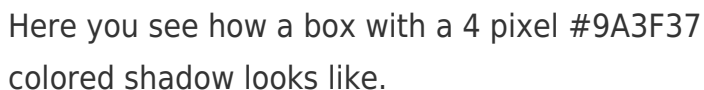
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A3F37 }
```

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

```
.border{ border-color:#9A3F37 }
```

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



Here you see how a box with a 4 pixel #9A3F37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A3F37; -webkit-box-shadow:4px 4px  
4px 4px #9A3F37; box-shadow:4px 4px 4px  
4px #9A3F37 }
```

# Background

The CSS property to change the background color of an element to Hex 9A3F37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A3F37 }
```

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

```
.background{ background-color:#9A3F37 }
```

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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