

Converting Colors

Hex(9C3C37)

Have a look what the booklet for
Hex(9C3C37) contains.

Hex(9C3C37)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9C3C37)

Conversions

Conversions Part 1

Format	Color
Hex	9C3C37
RGB	156, 60, 55
RGB Percent	61%, 24%, 22%
CMY	0.3882, 0.7647, 0.7843
CMYK	0.00, 0.62, 0.65, 0.39
HSL	3°, 48%, 41%
HSV	3°, 65%, 61%
XYZ	16.0157, 10.5755, 4.8116
YIQ	88.1340, 58.8210, 18.7970

Conversions

Conversions Part 2

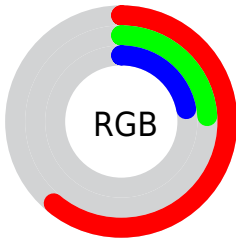
Format	Color
R_{YB}	156, 60, 55
Decimal	10239031
CIE _{Lab}	38.86, 39.72, 23.87
CIE _{LCh}	39, 46.340, 31.005
Yxy	10.5755, 0.5100, 0.3368
Android (android.graphics.Color)	4288429111 (0xFF9C3C37)
YUV	88.1340, -16.3351, 59.5185
Hunter-Lab	32.5200, 30.9995, 13.9916

Details

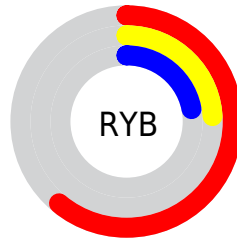
The Hex color **9C3C37** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **37979C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **D76F66**, and **63020C** is the 20% darker color. If you saturate the color by 10%, you get **9C2D27**, and if you desaturate by 10%, it is **9C4B47**.

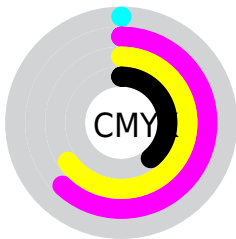
Distribution



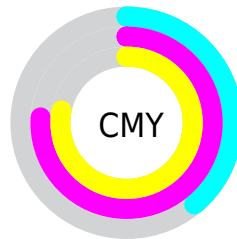
- Red (61%)
- Green (24%)
- Blue (22%)



- Red (61%)
- Yellow (24%)
- Blue (22%)



- Cyan (0%)
- Magenta (62%)
- Yellow (65%)
- Black (39%)



- Cyan (39%)
- Magenta (76%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C3C37 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 9C3C37 by changing the saturation by 10% instead.

 9C3C37

 9C3C37

FFFFFF

 7F2221

 D76F66

 63020C

 F58A7F

 470000

 FFA599

 2E0002

 FFC1B4

 000000

 FFDDCF

 FFFAEC

 9C3C37

 9C3C37

 9C2D27

 9C4B47

 9C1E18

 9C5A56

 9C1008

 9C6866

 9C0800

 9C7775

 9C8685

 9C9595

 9CA4A4

 9CB3B4

 9CC1C3

Harmonies

Analogous

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



9D365C



9C3C37



8A4C17

Triad

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



9C3C37



006A35



0060A7

Complementary

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



9C3C37



37979C

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.



00699D



9C3C37



006D5C

Square

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



9C3C37



476412



006D81



5C519C

Rectangle

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



9C3C37



785604



006D81



0063A6

Sweetspot

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



9C3C37



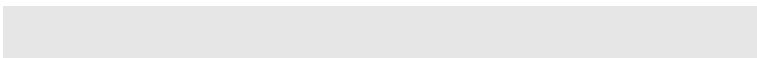
CCA7A5



9C3799



66504F



E6E6E6



666666

Same Dimension

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



9C3C37



CC352D



9C6D37



4F4847



8F0700



0F0100

Inverse Universe

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



37979C



2DC4CC



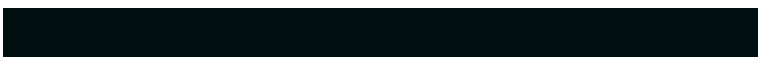
37669C



474F4F



00888F



000F0F

Previews

White Background



This preview shows how the Hex color 9C3C37 looks on a white background.

Color Contrast Check

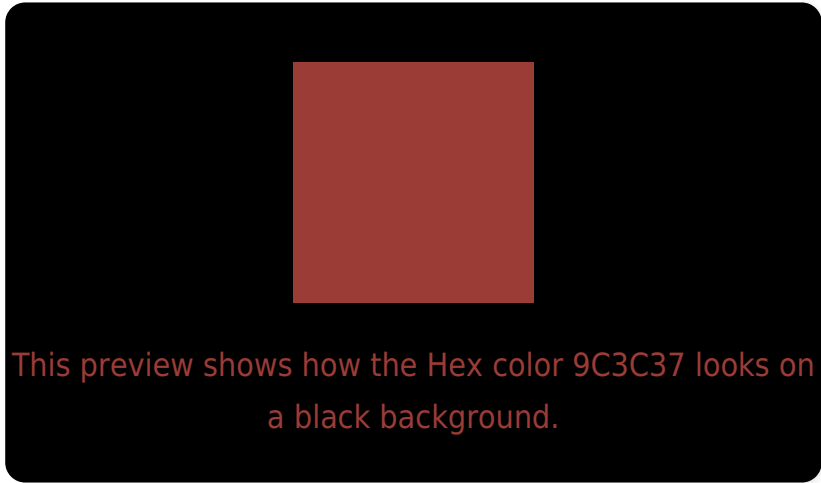
Large Text (above 18pt) WCAG AA ✓ Pass

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

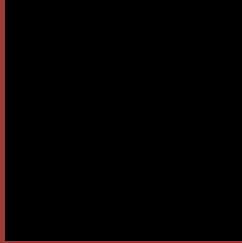
Any Text WCAG AA × Fail

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 9C3C37 Background



This preview shows how black text looks on a background with the Hex color 9C3C37.

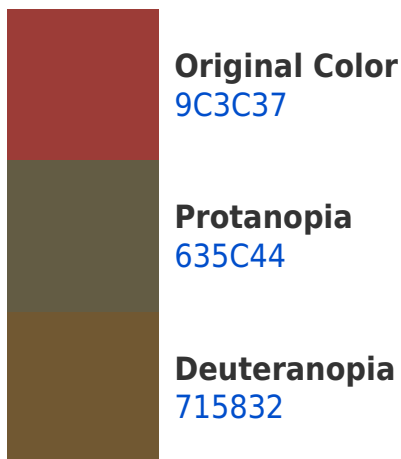


This preview shows how white text looks on a background with the Hex color 9C3C37.

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





Tritanopia
9C3B3F

Trichromacy



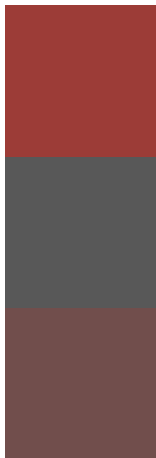
Original Color
9C3C37

Protanomaly
78503F

Deuteranomaly
814E34

Tritanomaly
9C3B3C

Monochromacy



Original Color
9C3C37

Achromatopsia
585858

Achromatomaly
714E4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C3C37 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 #9C3C37 looks like.

```
.text, #text, p{  
    color:#9C3C37  
}
```

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 #9C3C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C3C37
}
```

Border

The CSS property to change the border of an element to Hex 9C3C37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

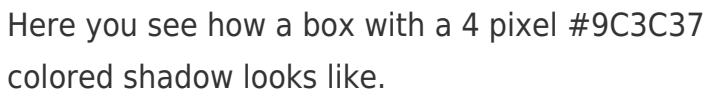
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C3C37 }
```

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

```
.border{ border-color:#9C3C37 }
```

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



Here you see how a box with a 4 pixel #9C3C37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C3C37; -webkit-box-shadow:4px 4px  
4px 4px #9C3C37; box-shadow:4px 4px 4px  
4px #9C3C37 }
```

Background

The CSS property to change the background color of an element to Hex 9C3C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C3C37 }
```

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

```
.background{ background-color:#9C3C37 }
```

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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