

# Converting Colors

Hex(9C3D40)

Have a look what the booklet for  
Hex(9C3D40) contains.

<b>Hex(9C3D40)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(9C3D40)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C3D40
RGB	156, 61, 64
RGB Percent	61%, 24%, 25%
CMY	0.3882, 0.7608, 0.7490
CMYK	0.00, 0.61, 0.59, 0.39
HSL	358°, 44%, 43%
HSV	358°, 61%, 61%
XYZ	16.3045, 10.7756, 6.0710
YIQ	89.7470, 55.6570, 21.0730

# Conversions

## Conversions Part 2

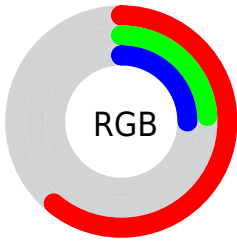
Format	Color
<a href="#">RYB</a>	156, 61, 64
Decimal	10239296
CIELab	39.20, 39.89, 18.77
CIElCh	39, 44.081, 25.196
Yxy	10.7756, 0.4918, 0.3250
Android (android.graphics.Color)	4288429376 (0xFF9C3D40)
YUV	89.7470, -12.6933, 58.1039
Hunter-Lab	32.8262, 31.2135, 12.0129

# Details

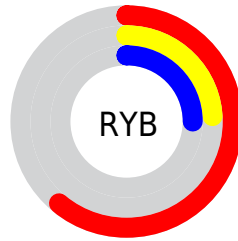
The Hex color **9C3D40** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3D9C99**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **D77070**, and **630316** is the 20% darker color. If you saturate the color by 10%, you get **9C2D31**, and if you desaturate by 10%, it is **9C4D4F**.

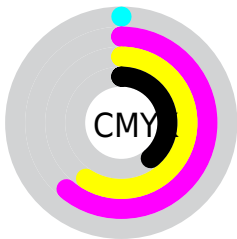
# Distribution



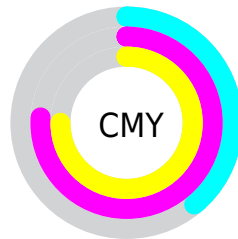
- Red (61%)
- Green (24%)
- Blue (25%)



- Red (61%)
- Yellow (24%)
- Blue (25%)



- Cyan (0%)
- Magenta (61%)
- Yellow (59%)
- Black (39%)



- Cyan (39%)
- Magenta (76%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C3D40 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 9C3D40 by changing the saturation by 10% instead.



 9C3D40

 9C3D40

FFFFFF

 7F232A

 D77070

 630316

 F58B89

 480000

 FFA6A3

 2F0002

 FFC2BE

 000000

 FFDEDA

 FFFBF7

 9C3D40

 9C3D40

 9C2D31

 9C4D4F

 9C1E22

 9C5C5E

 9C0E13

 9C6C6D

 9C0005

 9C7B7C

 9C8B8C

 9C9B9B

 9CAAAA

 9CBAB9

 9CC9C8

# Harmonies

## Analogous

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



993A64



9C3D40



8E4A21

# Triad

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



9C3D40



1F6A31



0062A4

# Complementary

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



9C3D40



3D9C99

# 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.



006A97



9C3D40



006D55

# Square

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



9C3D40



516314



006D7A



52559E

# Rectangle

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



9C3D40



7D5411



006D7A



0065A2



# Sweetspot

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



9C3D40



CCA7A8



993D9C



665050



E6E6E6



666666



# Same Dimension

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



9C3D40



CC373C



9C693D



4F4747



8F0005



0F0000



# Inverse Universe

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



9C3D40



CC373C



3D709C



4F4747



8F0005



0F0000



# Previews

## White Background



This preview shows how the Hex color 9C3D40 looks on a white background.

## Color Contrast Check

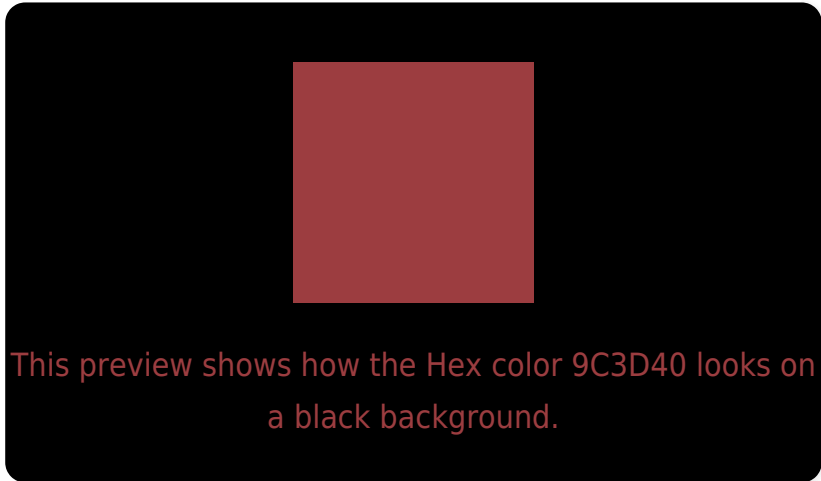
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C3D40 Background



This preview shows how black text looks on a background with the Hex color 9C3D40.

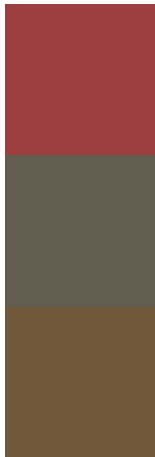


This preview shows how white text looks on a background with the Hex color 9C3D40.

# 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**  
9C3D40

**Protanopia**  
625D4E

**Deuteranopia**  
70593B



**Tritanopia**  
9C3D41

# Trichromacy



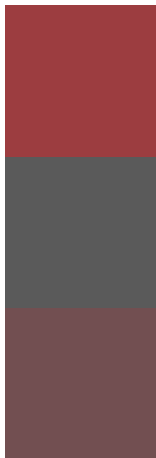
**Original Color**  
9C3D40

**Protanomaly**  
775149

**Deuteranomaly**  
804F3D

**Tritanomaly**  
9C3D41

# Monochromacy



**Original Color**  
9C3D40

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
724F51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C3D40 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 #9C3D40 looks like.

```
.text, #text, p{  
    color:#9C3D40  
}
```

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 #9C3D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C3D40
}
```

## Border

The CSS property to change the border of an element to Hex 9C3D40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

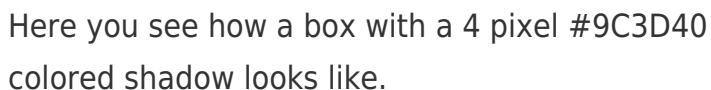
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C3D40 }
```

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

```
.border{ border-color:#9C3D40 }
```

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



Here you see how a box with a 4 pixel #9C3D40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C3D40; -webkit-box-shadow:4px 4px  
4px 4px #9C3D40; box-shadow:4px 4px 4px  
4px #9C3D40 }
```

# Background

The CSS property to change the background color of an element to Hex 9C3D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C3D40 }
```

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

```
.background{ background-color:#9C3D40 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor