

# Converting Colors

Hex(9C3B42)

Have a look what the booklet for  
Hex(9C3B42) contains.

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# Color

Hex(9C3B42)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C3B42
RGB	156, 59, 66
RGB Percent	61%, 23%, 26%
CMY	0.3882, 0.7686, 0.7412
CMYK	0.00, 0.62, 0.58, 0.39
HSL	356°, 45%, 42%
HSV	356°, 62%, 61%
XYZ	16.2576, 10.5892, 6.3413
YIQ	88.8010, 55.5650, 22.7410

# Conversions

## Conversions Part 2

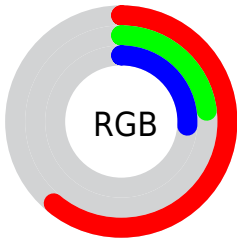
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 59, 66
Decimal	10238786
CIE <sub>Lab</sub>	38.88, 41.00, 17.10
CIE <sub>LCh</sub>	39, 44.422, 22.635
Yxy	10.5892, 0.4899, 0.3191
Android (android.graphics.Color)	4288428866 (0xFF9C3B42)
YUV	88.8010, -11.2409, 58.9335
Hunter-Lab	32.5410, 32.2325, 11.2248

# Details

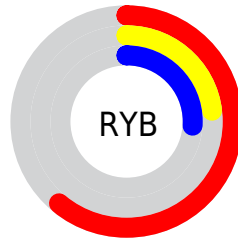
The Hex color **9C3B42** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3B9C95**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **D76F72**, and **630018** is the 20% darker color. If you saturate the color by 10%, you get **9C2B34**, and if you desaturate by 10%, it is **9C4B50**.

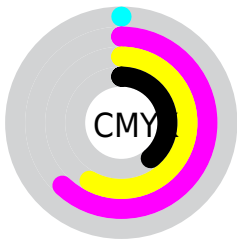
# Distribution



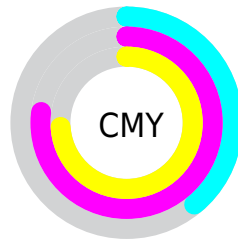
- Red (61%)
- Green (23%)
- Blue (26%)



- Red (61%)
- Yellow (23%)
- Blue (26%)



- Cyan (0%)
- Magenta (62%)
- Yellow (58%)
- Black (39%)



- Cyan (39%)
- Magenta (77%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C3B42 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 9C3B42 by changing the saturation by 10% instead.



 9C3B42

 9C3B42

FFFFFF

 7F212C

 D76F72

 630018

 F5898B

 480000

 FFA4A6

 2F0002

 FFC0C1

 000000

 FFDDDD

 FFFAF9

 9C3B42

 9C3B42

 9C2B34

 9C4B50

 9C1C25

 9C5A5F

 9C0C17

 9C6A6D

 9C000B

 9C797C

 9C898A

 9C9999

 9CA8A7

 9CB8B6

 9CC7C4

# Harmonies

## Analogous

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



983966



9C3B42



8F4822

# Triad

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



9C3B42



23692D



0062A3

# Complementary

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



9C3B42



3B9C95

# 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.



006A94



9C3B42



006C51

# Square

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



9C3B42



536210



006C76



4B569E

# Rectangle

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



9C3B42



7F5211



006C76



0065A0



# Sweetspot

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



9C3B42



CCA5A8



943B9C



664F50



E6E6E6



666666



# Same Dimension

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



9C3B42



CC333E



9C633B



4F4748



8F000A



0F0001



# Inverse Universe

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



9C3B42



CC333E



3B749C



4F4748



8F000A



0F0001



# Previews

## White Background



This preview shows how the Hex color 9C3B42 looks on a white background.

## Color Contrast Check

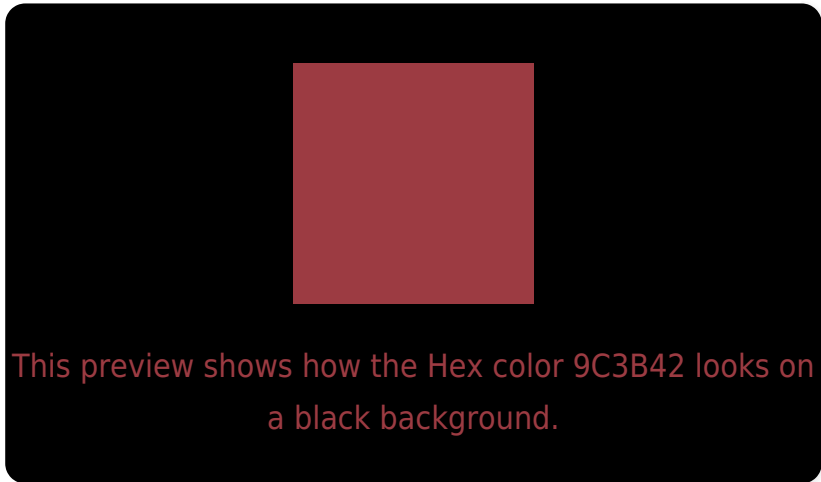
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C3B42 Background



This preview shows how black text looks on a background with the Hex color 9C3B42.



This preview shows how white text looks on a background with the Hex color 9C3B42.

# 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](#).

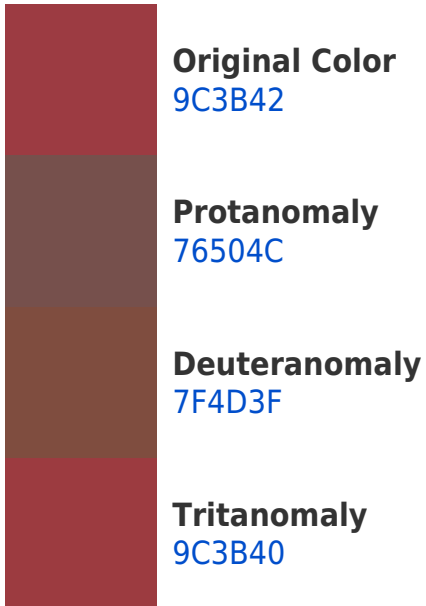
## Dichromacy



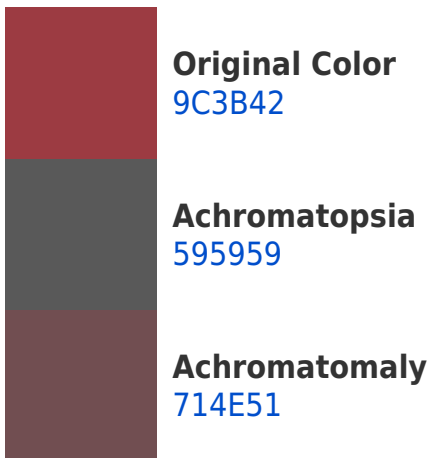


**Tritanopia**  
9C3B3F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C3B42 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 #9C3B42 looks like.

```
.text, #text, p{  
    color:#9C3B42  
}
```

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 #9C3B42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C3B42
}
```

## Border

The CSS property to change the border of an element to Hex 9C3B42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

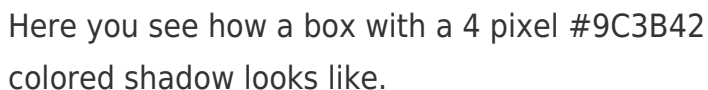
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C3B42 }
```

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

```
.border{ border-color:#9C3B42 }
```

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



Here you see how a box with a 4 pixel #9C3B42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C3B42; -webkit-box-shadow:4px 4px  
4px 4px #9C3B42; box-shadow:4px 4px 4px  
4px #9C3B42 }
```

# Background

The CSS property to change the background color of an element to Hex 9C3B42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C3B42 }
```

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

```
.background{ background-color:#9C3B42 }
```

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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