

# Converting Colors

Hex(9C3341)

Have a look what the booklet for  
Hex(9C3341) contains.

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**Color**

**Hex(9C3341)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C3341
RGB	156, 51, 65
RGB Percent	61%, 20%, 25%
CMY	0.3882, 0.8000, 0.7451
CMYK	0.00, 0.67, 0.58, 0.39
HSL	352°, 51%, 41%
HSV	352°, 67%, 61%
XYZ	15.8483, 9.8172, 6.0606
YIQ	83.9910, 58.0860, 26.6140

# Conversions

## Conversions Part 2

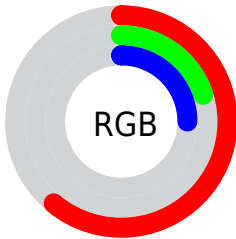
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 51, 65
Decimal	10236737
CIE <sub>Lab</sub>	37.51, 44.54, 15.90
CIE <sub>LCh</sub>	38, 47.297, 19.643
Yxy	9.8172, 0.4995, 0.3094
Android (android.graphics.Color)	4288426817 (0xFF9C3341)
YUV	83.9910, -9.3626, 63.1519
Hunter-Lab	31.3325, 35.4553, 10.4642

# Details

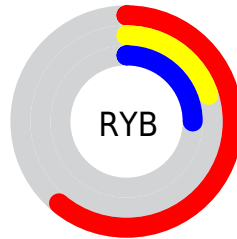
The Hex color **9C3341** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **339C8E**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **D76871**, and **630017** is the 20% darker color. If you saturate the color by 10%, you get **9C2333**, and if you desaturate by 10%, it is **9C434F**.

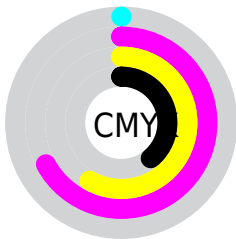
# Distribution



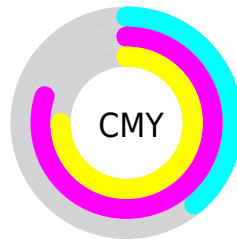
- Red (61%)
- Green (20%)
- Blue (25%)



- Red (61%)
- Yellow (20%)
- Blue (25%)



- Cyan (0%)
- Magenta (67%)
- Yellow (58%)
- Black (39%)



- Cyan (39%)
- Magenta (80%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C3341 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 9C3341 by changing the saturation by 10% instead.



 9C3341

 9C3341

FFFFFF

 7F162B

 D76871

 630017

 F5828A

 470000

 FF9DA4

 2D0002

 FFB9BF

 000000

 FFD6DB

 FFF3F8

 9C3341

 9C3341

 9C2333

 9C434F

 9C1426

 9C525C

 9C0418

 9C626A

 9C0015

 9C7177

 9C8185

 9C9192

 9CA0A0

 9CB0AD

 9CBFBB

# Harmonies

## Analogous

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



963367



9C3341



8F421E

# Triad

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



9C3341



216523



0061A4

# Complementary

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



9C3341



339C8E

# 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.



006892



9C3341



006949

# Square

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



9C3341



535E00



006A71



3C54A1

# Rectangle

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



9C3341



7F4D07



006A71



0064A0



# Sweetspot

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



9C3341



CCA3A9



8E339C



664E51



E6E6E6



666666



# Same Dimension

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



9C3341



CC273D



9C5A33



4F4748



8F0013



0F0002



# Inverse Universe

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



9C3341



CC273D



33769C



4F4748



8F0013



0F0002



# Previews

## White Background



This preview shows how the Hex color 9C3341 looks on a white background.

## Color Contrast Check

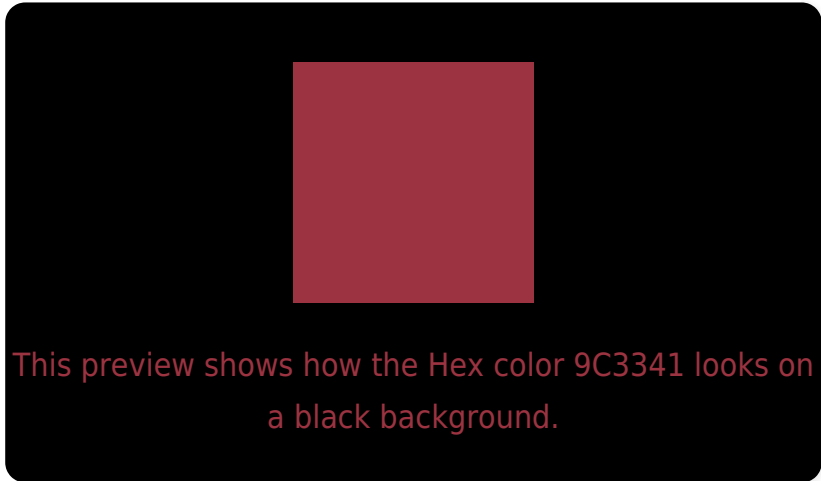
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 9C3341 Background



This preview shows how black text looks on a background with the Hex color 9C3341.




This preview shows how white text looks on a background with the Hex color 9C3341.

# 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](#).

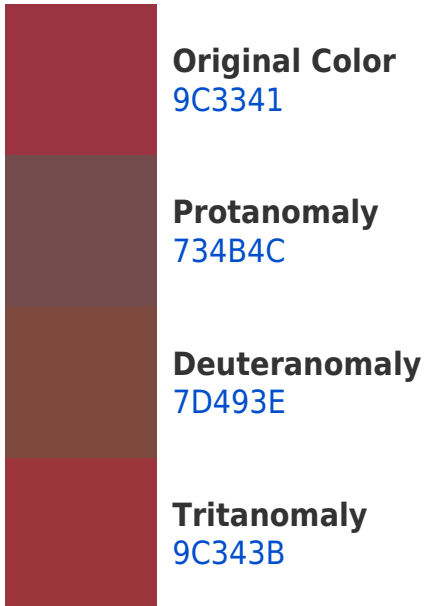
## Dichromacy





**Tritanopia**  
9C3538

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C3341 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 #9C3341 looks like.

```
.text, #text, p{  
    color:#9C3341  
}
```

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 #9C3341 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C3341
}
```

## Border

The CSS property to change the border of an element to Hex 9C3341 is called "border". The border property can be set on classes, ids or directly on the HTML element.

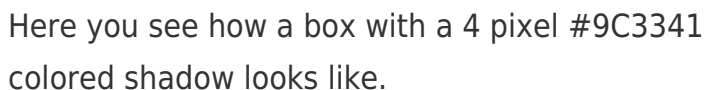
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C3341 }
```

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

```
.border{ border-color:#9C3341 }
```

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



Here you see how a box with a 4 pixel #9C3341 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C3341; -webkit-box-shadow:4px 4px  
4px 4px #9C3341; box-shadow:4px 4px 4px  
4px #9C3341 }
```

# Background

The CSS property to change the background color of an element to Hex 9C3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C3341 }
```

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

```
.background{ background-color:#9C3341 }
```

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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