

Converting Colors

Hex(9C3838)

Have a look what the booklet for
Hex(9C3838) contains.

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Color

Hex(9C3838)

Conversions

Conversions Part 1

Format	Color
Hex	9C3838
RGB	156, 56, 56
RGB Percent	61%, 22%, 22%
CMY	0.3882, 0.7804, 0.7804
CMYK	0.00, 0.64, 0.64, 0.39
HSL	0°, 47%, 42%
HSV	0°, 64%, 61%
XYZ	15.8383, 10.1818, 4.8719
YIQ	85.9000, 59.6000, 21.2000

Conversions

Conversions Part 2

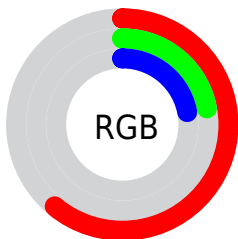
Format	Color
R_{YB}	156, 56, 56
Decimal	10238008
CIE _{Lab}	38.17, 41.67, 22.39
CIE _{LCh}	38, 47.300, 28.250
Yxy	10.1818, 0.5127, 0.3296
Android (android.graphics.Color)	4288428088 (0xFF9C3838)
YUV	85.9000, -14.7407, 61.4777
Hunter-Lab	31.9089, 32.7595, 13.2838

Details

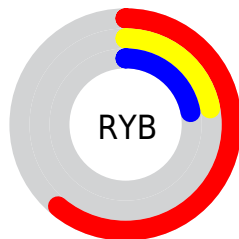
The Hex color **9C3838** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **389C9C**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **D76C67**, and **63000E** is the 20% darker color. If you saturate the color by 10%, you get **9C2828**, and if you desaturate by 10%, it is **9C4848**.

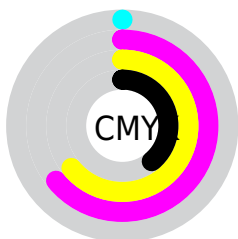
Distribution



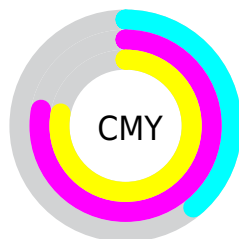
- Red (61%)
- Green (22%)
- Blue (22%)



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



- Cyan (0%)
- Magenta (64%)
- Yellow (64%)
- Black (39%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 9C3838 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 9C3838 by changing the saturation by 10% instead.

 9C3838

 9C3838

FFFFFF

 7F1D22

 D76C67

 63000E

 F68680

 470000

 FFA19A

 2D0002

 FFBD85

 000000

 FFDAD0

 FFF7ED

 9C3838

 9C3838

 9C2828

 9C4848

 9C1919

 9C5757

 9C0909

 9C6767

 9C0000

 9C7676

 9C8686

 9C9696

 9CA5A5

 9CB5B5

 9CC4C4

Harmonies

Analogous

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



9C335E



9C3838



8B4816

Triad

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



9C3838



00682F



005FA7

Complementary

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



9C3838



389C9C

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.



00689B



9C3838



006B56

Square

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



9C3838



49620A



006B7D



54519E

Rectangle

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



9C3838



795301



006B7D



0063A5

Sweetspot

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



9C3838



CCA5A5



9C389C



664F4F



E6E6E6



666666

Same Dimension

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



9C3838



CC2F2F



9C6A38



4F4747



8F0000



0F0000

Inverse Universe

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



389C9C



2FCCCC



386A9C



474F4F



008F8F



000F0F

Previews

White Background



This preview shows how the Hex color 9C3838 looks on a white background.

Color Contrast Check

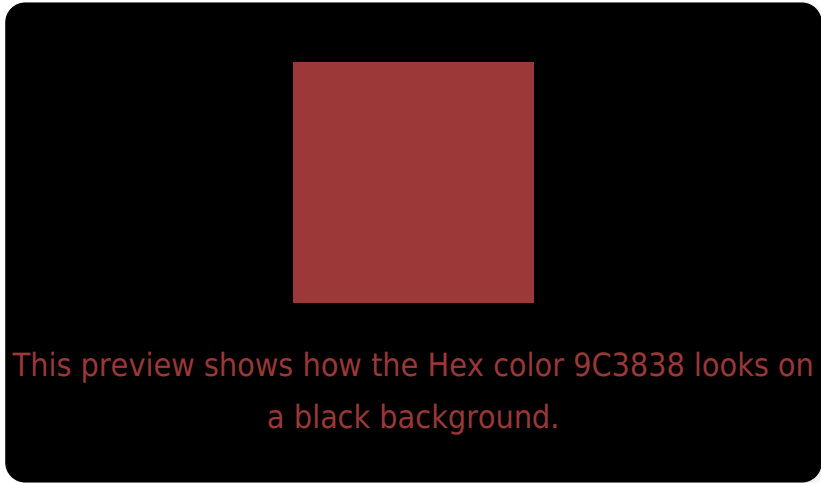
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C3838 Background



This preview shows how black text looks on a background with the Hex color 9C3838.

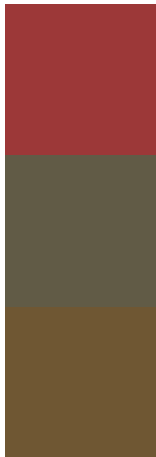


This preview shows how white text looks on a background with the Hex color 9C3838.

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
9C3838

Protanopia
615B46

Deuteranopia
6F5733



Tritanopia
9C383B

Trichromacy



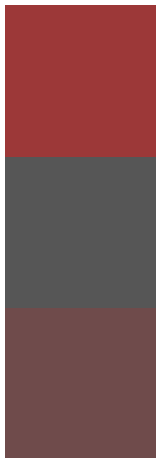
Original Color
9C3838

Protanomaly
764E41

Deuteranomaly
7F4C35

Tritanomaly
9C383A

Monochromacy



Original Color
9C3838

Achromatopsia
565656

Achromatomaly
6F4B4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C3838 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 #9C3838 looks like.

```
.text, #text, p{  
    color:#9C3838  
}
```

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 #9C3838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C3838
}
```

Border

The CSS property to change the border of an element to Hex 9C3838 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".

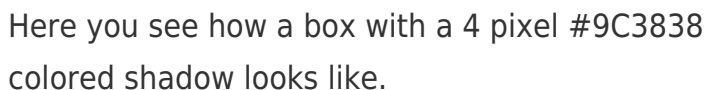
```
.border, #border, table{ border:4px solid
#9C3838 }
```

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

```
.border{ border-color:#9C3838 }
```

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

Here you see how a box with a 4 pixel #9C3838 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C3838; -webkit-box-shadow:4px 4px  
4px 4px #9C3838; box-shadow:4px 4px 4px  
4px #9C3838 }
```

Background

The CSS property to change the background color of an element to Hex 9C3838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C3838 }
```

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

```
.background{ background-color:#9C3838 }
```

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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