

Converting Colors

Hex(9B3938)

Have a look what the booklet for
Hex(9B3938) contains.

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Color

Hex(9B3938)

Conversions

Conversions Part 1

Format	Color
Hex	9B3938
RGB	155, 57, 56
RGB Percent	61%, 22%, 22%
CMY	0.3922, 0.7765, 0.7804
CMYK	0.00, 0.63, 0.64, 0.39
HSL	1°, 47%, 41%
HSV	1°, 64%, 61%
XYZ	15.6945, 10.1803, 4.8792
YIQ	86.1880, 58.7290, 20.4650

Conversions

Conversions Part 2

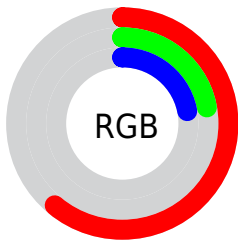
Format	Color
R_{YB}	155, 57, 56
Decimal	10172728
CIE _{Lab}	38.16, 40.84, 22.35
CIE _{LCh}	38, 46.557, 28.687
Yxy	10.1803, 0.5103, 0.3310
Android (android.graphics.Color)	4288362808 (0xFF9B3938)
YUV	86.1880, -14.8827, 60.3481
Hunter-Lab	31.9066, 31.9654, 13.2680

Details

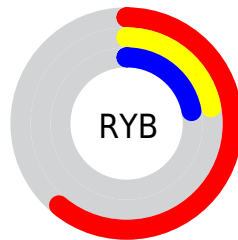
The Hex color **9B3938** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **389A9B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **D66D67**, and **62000E** is the 20% darker color. If you saturate the color by 10%, you get **9B2A28**, and if you desaturate by 10%, it is **9B4848**.

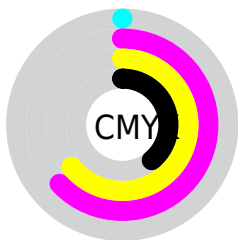
Distribution



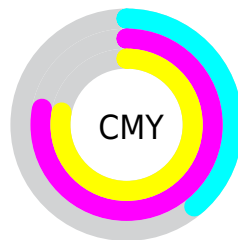
- Red (61%)
- Green (22%)
- Blue (22%)



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



- Cyan (0%)
- Magenta (63%)
- Yellow (64%)
- Black (39%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 9B3938 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 9B3938 by changing the saturation by 10% instead.



9B3938



9B3938

FFFFFF



7E1F22



D66D67



62000E



F48780



460000



FFA29A



2D0001



FFBEB5



000000



FFDAD0



FFF7ED



9B3938



9B3938



9B2A28



9B4848

 9B1A19

 9B5857

 9B0B09

 9B6767

 9B0200

 9B7676

 9B8686

 9B9595

 9BA4A4

 9BB4B4

 9BC3C3

Harmonies

Analogous

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



9B345D



9B3938



8A4917

Triad

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



9B3938



006830



005FA5

Complementary

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



9B3938



389A9B

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.



00679A



9B3938



006B57

Square

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



9B3938



48620D



006B7D



55519C

Rectangle

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



9B3938



785303



006B7D



0062A4

Sweetspot

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



9B3938



C9A4A3



9B389B



664F4F



E6E6E6



666666

Same Dimension

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



9B3938



C9302E



9B6A38



4D4545



8C0100



0D0000

Inverse Universe

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



389A9B



2EC8C9



386A9B



454C4D



008B8C



000D0D

Previews

White Background



This preview shows how the Hex color 9B3938 looks on a white background.

Color Contrast Check

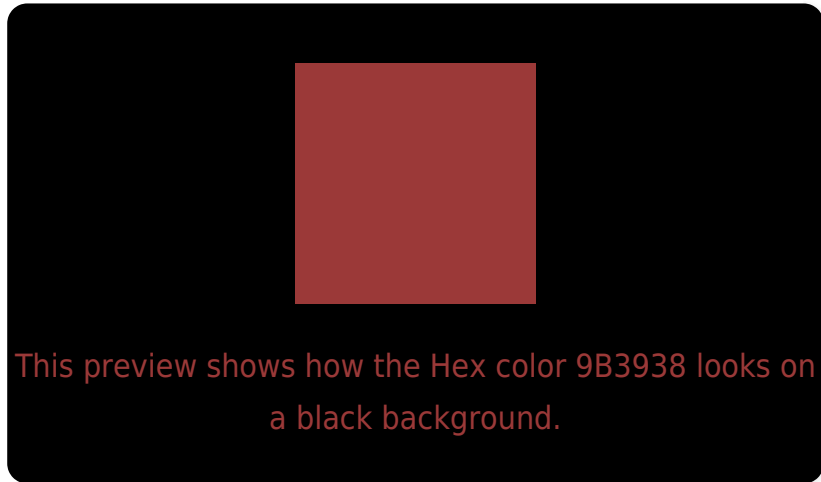
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B3938 Background



This preview shows how black text looks on a background with the Hex color 9B3938.

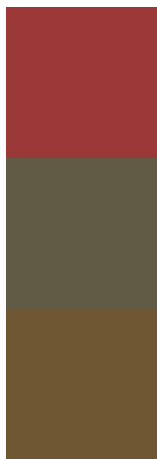


This preview shows how white text looks on a background with the Hex color 9B3938.

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
9B3938

Protanopia
615B45

Deuteranopia
6F5733



Tritanopia
9B383C

Trichromacy



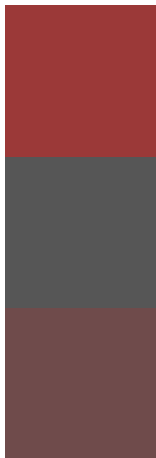
Original Color
9B3938

Protanomaly
764F40

Deuteranomaly
7F4C35

Tritanomaly
9B383B

Monochromacy



Original Color
9B3938

Achromatopsia
565656

Achromatomaly
6F4B4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B3938 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 #9B3938 looks like.

```
.text, #text, p{  
    color:#9B3938  
}
```

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 #9B3938 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B3938  
}
```

Border

The CSS property to change the border of an element to Hex 9B3938 is called "border". The border property can be set on classes, ids or directly on the HTML element.

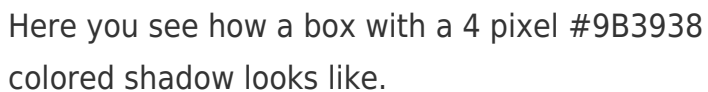
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9B3938 }
```

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

```
.border{ border-color:#9B3938 }
```

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



Here you see how a box with a 4 pixel #9B3938 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B3938; -webkit-box-shadow:4px 4px  
4px 4px #9B3938; box-shadow:4px 4px 4px  
4px #9B3938 }
```

Background

The CSS property to change the background color of an element to Hex 9B3938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B3938 }
```

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

```
.background{ background-color:#9B3938 }
```

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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