

Converting Colors

Hex(9B3138)

Have a look what the booklet for
Hex(9B3138) contains.

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Color

Hex(9B3138)

Conversions

Conversions Part 1

Format	Color
Hex	9B3138
RGB	155, 49, 56
RGB Percent	61%, 19%, 22%
CMY	0.3922, 0.8078, 0.7804
CMYK	0.00, 0.68, 0.64, 0.39
HSL	356°, 52%, 40%
HSV	356°, 68%, 61%
XYZ	15.3297, 9.4507, 4.7576
YIQ	81.4920, 60.9290, 24.6490

Conversions

Conversions Part 2

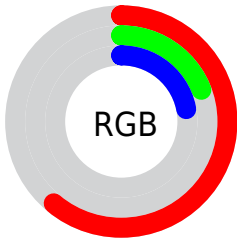
Format	Color
R_{YB}	155, 49, 56
Decimal	10170680
CIE _{Lab}	36.84, 44.42, 20.66
CIE _{LCh}	37, 48.985, 24.942
Yxy	9.4507, 0.5190, 0.3200
Android (android.graphics.Color)	4288360760 (0xFF9B3138)
YUV	81.4920, -12.5676, 64.4665
Hunter-Lab	30.7420, 35.2116, 12.3438

Details

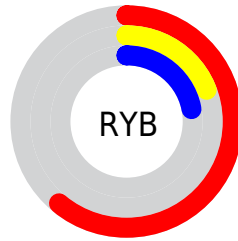
The Hex color **9B3138** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **319B94**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **D66667**, and **61000E** is the 20% darker color. If you saturate the color by 10%, you get **9B212A**, and if you desaturate by 10%, it is **9B4146**.

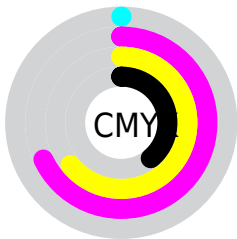
Distribution



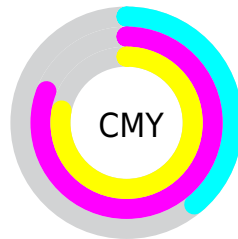
- Red (61%)
- Green (19%)
- Blue (22%)



- Red (61%)
- Yellow (19%)
- Blue (22%)



- Cyan (0%)
- Magenta (68%)
- Yellow (64%)
- Black (39%)



- Cyan (39%)
- Magenta (81%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B3138 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 9B3138 by changing the saturation by 10% instead.

 9B3138

 9B3138

FFFFFF

 7E1423

 D66667

 61000E

 F58080

 450000

 FF9B9A

 2B0001

 FFB7B5

 000000

 FFD3D0

 FFF0EC

 9B3138

 9B3138

 9B212A

 9B4146

 9B121B

 9B5055

 9B020D

 9B5F63

 9B000A

 9B6F72

 9B7E80

 9B8E8F

 9B9D9D

 9BADAC

 9BBCBA

Harmonies

Analogous

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



992D5F



9B3138



8B4214

Triad

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



9B3138



026526



005DA6

Complementary

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



9B3138



319B94

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.



006597



9B3138



00684E

Square

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



9B3138



495E00



006877



474F9F

Rectangle

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



9B3138



794E00



006877



0061A3

Sweetspot

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



9B3138



C99FA2



94319B



664D4E



E6E6E6



666666

Same Dimension

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



9B3138



C9242F



9B5F31



4D4545



8C0009



0D0001

Inverse Universe

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



9B3138



C9242F



316D9B



4D4545



8C0009



0D0001

Previews

White Background



This preview shows how the Hex color 9B3138 looks on a white background.

Color Contrast Check

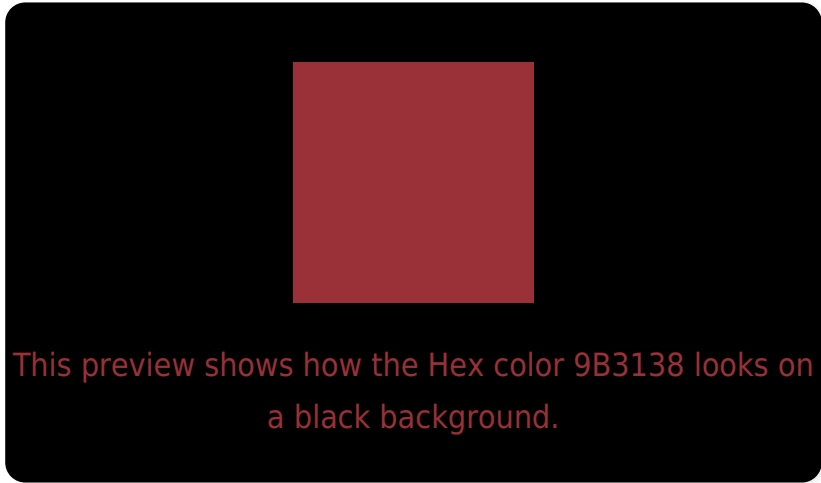
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B3138 Background



This preview shows how black text looks on a background with the Hex color 9B3138.

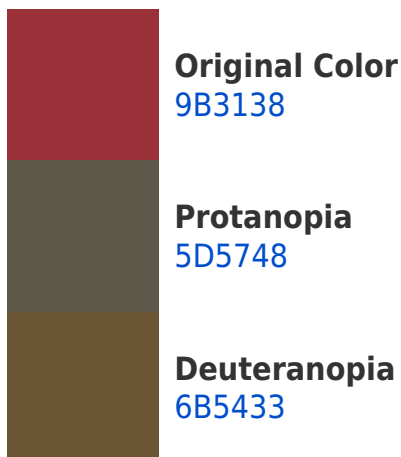


This preview shows how white text looks on a background with the Hex color 9B3138.

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
9B3234

Trichromacy



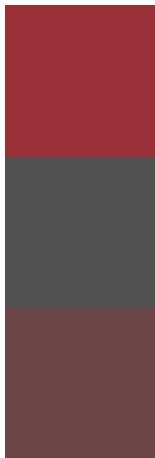
Original Color
9B3138

Protanomaly
744942

Deuteranomaly
7C4735

Tritanomaly
9B3235

Monochromacy



Original Color
9B3138

Achromatopsia
515151

Achromatomaly
6C4548

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B3138 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 #9B3138 looks like.

```
.text, #text, p{  
    color:#9B3138  
}
```

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 #9B3138 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B3138
}
```

Border

The CSS property to change the border of an element to Hex 9B3138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

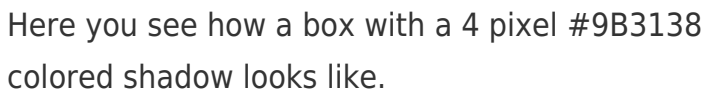
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B3138 }
```

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

```
.border{ border-color:#9B3138 }
```

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



Here you see how a box with a 4 pixel #9B3138 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B3138; -webkit-box-shadow:4px 4px  
4px 4px #9B3138; box-shadow:4px 4px 4px  
4px #9B3138 }
```

Background

The CSS property to change the background color of an element to Hex 9B3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B3138 }
```

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

```
.background{ background-color:#9B3138 }
```

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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