

Converting Colors

Hex(9A3834)

Have a look what the booklet for
Hex(9A3834) contains.

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Color

Hex(9A3834)

Conversions

Conversions Part 1

Format	Color
Hex	9A3834
RGB	154, 56, 52
RGB Percent	60%, 22%, 20%
CMY	0.3961, 0.7804, 0.7961
CMYK	0.00, 0.64, 0.66, 0.40
HSL	2°, 50%, 40%
HSV	2°, 66%, 60%
XYZ	15.3604, 9.9463, 4.3591
YIQ	84.8460, 59.6920, 19.5320

Conversions

Conversions Part 2

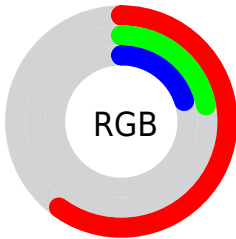
Format	Color
RYB	154, 56, 52
Decimal	10106932
CIELab	37.75, 40.69, 24.25
CIElCh	38, 47.362, 30.793
Yxy	9.9463, 0.5178, 0.3353
Android (android.graphics.Color)	4288297012 (0xFF9A3834)
YUV	84.8460, -16.1931, 60.6481
Hunter-Lab	31.5378, 31.7471, 13.8815

Details

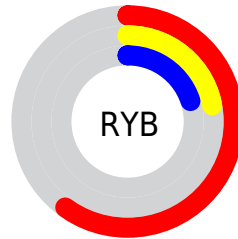
The Hex color **9A3834** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **34969A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **D56C63**, and **610008** is the 20% darker color. If you saturate the color by 10%, you get **9A2925**, and if you desaturate by 10%, it is **9A4743**.

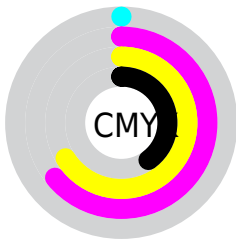
Distribution



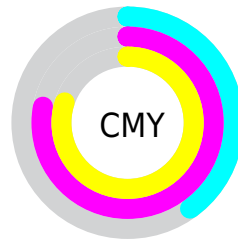
- Red (60%)
- Green (22%)
- Blue (20%)



- Red (60%)
- Yellow (22%)
- Blue (20%)



- Cyan (0%)
- Magenta (64%)
- Yellow (66%)
- Black (40%)



- Cyan (40%)
- Magenta (78%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A3834 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 9A3834 by changing the saturation by 10% instead.



9A3834



9A3834

FFFFFF



7D1D1F



D56C63



610008



F4867C



450000



FFA195



2B0001



FFBDB0



000000



FFD9CC



FFF6E8



9A3834



9A3834



9A2925



9A4743

 9A1A15

 9A5653

 9A0C06

 9A6462

 9A0600

 9A7372

 9A8281

 9A9190

 9AA0A0

 9AAEAF

 9ABDBF

Harmonies

Analogous

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



9B3159



9A3834



884812

Triad

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



9A3834



006831



005DA6

Complementary

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



9A3834



34969A

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.



00669B



9A3834



006A59

Square

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



9A3834



44620C



006A7F



594E9B

Rectangle

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



9A3834



755300



006A7F



0061A5

Sweetspot

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



9A3834



C9A3A1



9A3497



664E4E



E6E6E6



666666

Same Dimension

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



9A3834



C9312A



9A6A34



4D4545



8C0500



0D0000

Inverse Universe

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



34969A



2AC3C9



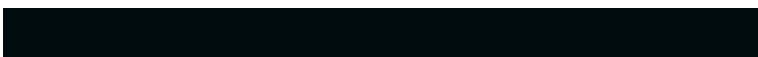
34649A



454C4D



00878C



000C0D

Previews

White Background



This preview shows how the Hex color 9A3834 looks on a white background.

Color Contrast Check

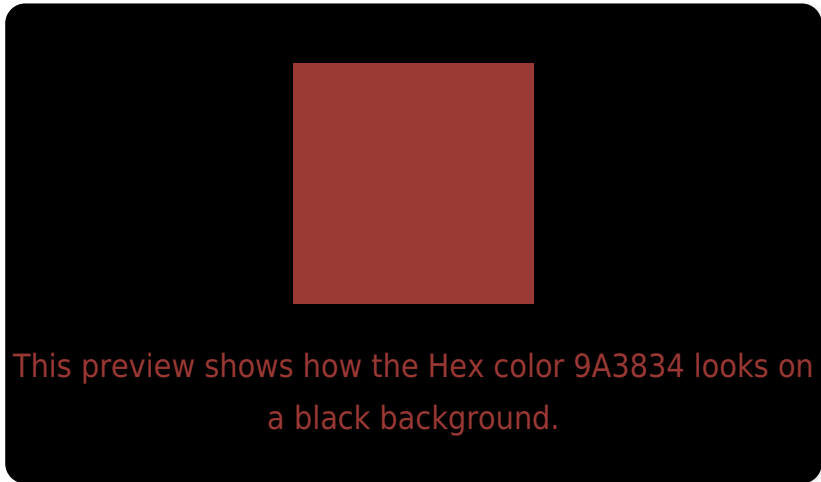
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A3834 Background



This preview shows how black text looks on a background with the Hex color 9A3834.

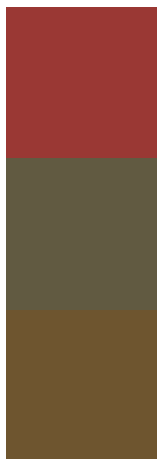


This preview shows how white text looks on a background with the Hex color 9A3834.

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
9A3834

Protanopia
615A41

Deuteranopia
6E552F



Tritanopia
9A373A

Trichromacy



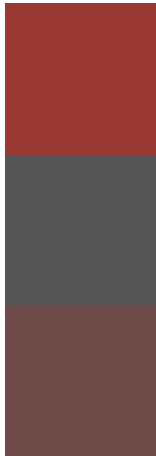
Original Color
9A3834

Protanomaly
764E3C

Deuteranomaly
7E4A31

Tritanomaly
9A3738

Monochromacy



Original Color
9A3834

Achromatopsia
555555

Achromatomaly
6E4A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A3834 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 #9A3834 looks like.

```
.text, #text, p{  
    color:#9A3834  
}
```

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 #9A3834 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A3834
}
```

Border

The CSS property to change the border of an element to Hex 9A3834 is called "border". The border property can be set on classes, ids or directly on the HTML element.

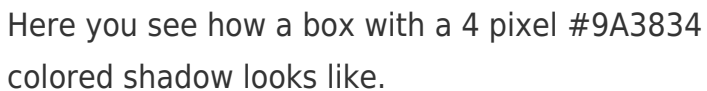
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A3834 }
```

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

```
.border{ border-color:#9A3834 }
```

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



Here you see how a box with a 4 pixel #9A3834 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A3834; -webkit-box-shadow:4px 4px  
4px 4px #9A3834; box-shadow:4px 4px 4px  
4px #9A3834 }
```

Background

The CSS property to change the background color of an element to Hex 9A3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A3834 }
```

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

```
.background{ background-color:#9A3834 }
```

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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