

# Converting Colors

Hex(9E3A2E)

Have a look what the booklet for  
Hex(9E3A2E) contains.

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# Color

Hex(9E3A2E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E3A2E
RGB	158, 58, 46
RGB Percent	62%, 23%, 18%
CMY	0.3804, 0.7725, 0.8196
CMYK	0.00, 0.63, 0.71, 0.38
HSL	6°, 55%, 40%
HSV	6°, 71%, 62%
XYZ	16.1067, 10.4925, 3.7611
YIQ	86.5320, 63.4520, 17.4680

# Conversions

## Conversions Part 2

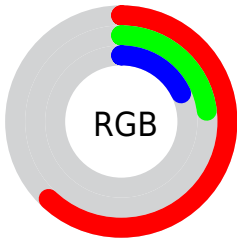
Format	Color
<a href="#">RYB</a>	<a href="#">158, 59, 46</a>
Decimal	<a href="#">10369582</a>
CIELab	<a href="#">38.71, 40.86, 29.20</a>
CIELCh	<a href="#">39, 50.220, 35.546</a>
Yxy	<a href="#">10.4925, 0.5305, 0.3456</a>
Android (android.graphics.Color)	<a href="#">4288559662 (0xFF9E3A2E)</a>
YUV	<a href="#">86.5320, -19.9823, 62.6774</a>
Hunter-Lab	<a href="#">32.3921, 32.0718, 15.7902</a>

# Details

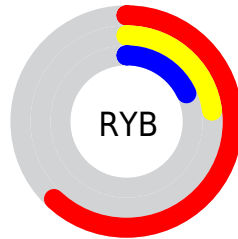
The Hex color **9E3A2E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2E929E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **DA6E5C**, and **640000** is the 20% darker color. If you saturate the color by 10%, you get **9E2C1E**, and if you desaturate by 10%, it is **9E483E**.

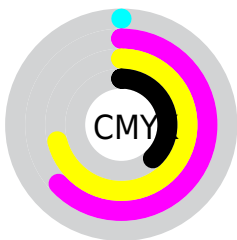
# Distribution



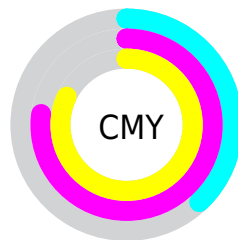
- Red (62%)
- Green (23%)
- Blue (18%)



- Red (62%)
- Yellow (23%)
- Blue (18%)



- Cyan (0%)
- Magenta (63%)
- Yellow (71%)
- Black (38%)



- Cyan (38%)
- Magenta (77%)
- Yellow (82%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E3A2E 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 9E3A2E by changing the saturation by 10% instead.



 9E3A2E

 9E3A2E

FFFFFF

 812019

 DA6E5C

 640000

 F88875

 480000

 FFA38F

 2F0002

 FFBFA9

 000000

 FFDBC5

 FFF8E1

FFFFFFE

 9E3A2E

 9E3A2E

■ 9E2C1E

■ 9E483E

■ 9E1E0E

■ 9E564E

■ 9E1100

■ 9E645D

■ 9E726D

■ 9E817D

■ 9E8F8D

■ 9E9D9D

■ 9EABAC

■ 9EB9BC

# Harmonies

## Analogous

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



A32F55



9E3A2E



884C08

# Triad

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



9E3A2E



006B37



005EAD

# Complementary

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



9E3A2E



2E929E

# 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.



0068A5



9E3A2E



006E62

# Square

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



9E3A2E



3C660E



006D8A



654D9E

# Rectangle

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



9E3A2E



735700



006D8A



0062AD



# Sweetspot

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



9E3A2E



CFA8A3



9E2E93



69514E



E8E8E8



696969



# Same Dimension

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



9E3A2E



CF321F



9E712E



4F4847



8F0F00



0F0200



# Inverse Universe

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



2E929E



1FBCCF



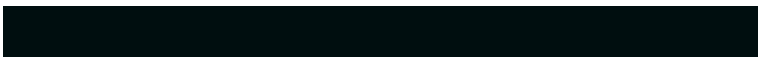
2E5B9E



474E4F



00808F



000E0F



# Previews

## White Background



This preview shows how the Hex color 9E3A2E looks on a white background.

## Color Contrast Check

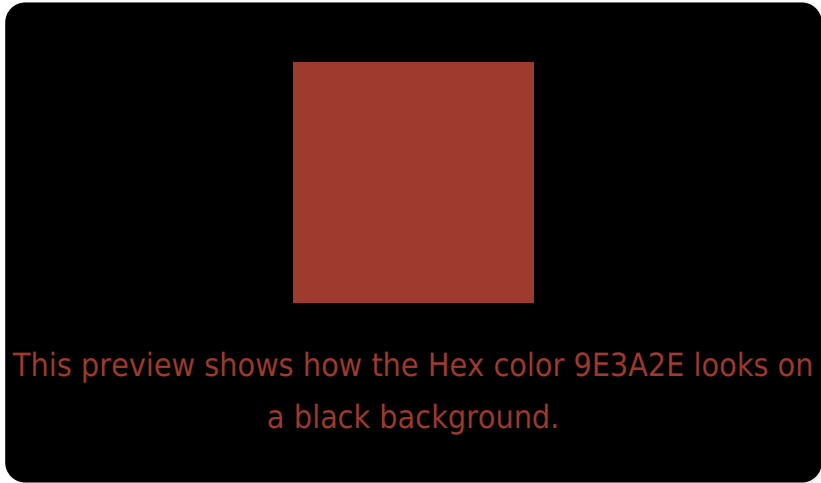
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E3A2E Background



This preview shows how black text looks on a background with the Hex color 9E3A2E.



This preview shows how white text looks on a background with the Hex color 9E3A2E.

# 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**  
9E3A2E

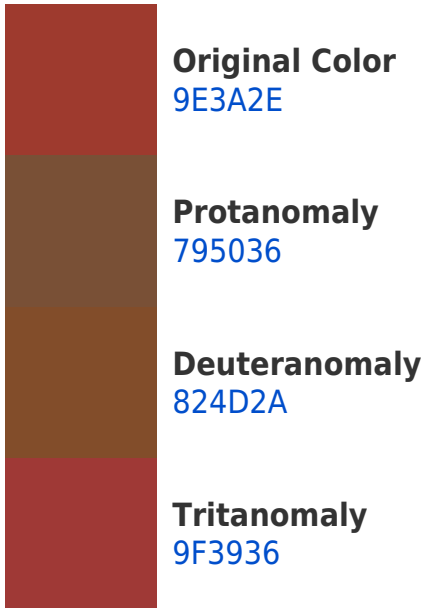
**Protanopia**  
645C3A

**Deuteranopia**  
725828



**Tritanopia**  
9F383B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E3A2E 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 #9E3A2E looks like.

```
.text, #text, p{  
    color:#9E3A2E  
}
```

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 #9E3A2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E3A2E
}
```

## Border

The CSS property to change the border of an element to Hex 9E3A2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

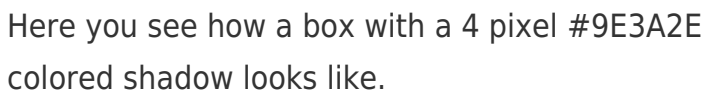
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E3A2E }
```

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

```
.border{ border-color:#9E3A2E }
```

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



Here you see how a box with a 4 pixel #9E3A2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E3A2E; -webkit-box-shadow:4px 4px  
4px 4px #9E3A2E; box-shadow:4px 4px 4px  
4px #9E3A2E }
```

# Background

The CSS property to change the background color of an element to Hex 9E3A2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E3A2E }
```

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

```
.background{ background-color:#9E3A2E }
```

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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