

# Converting Colors

Hex(9E422E)

Have a look what the booklet for  
Hex(9E422E) contains.

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# Color

Hex(9E422E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E422E
RGB	158, 66, 46
RGB Percent	62%, 26%, 18%
CMY	0.3804, 0.7412, 0.8196
CMYK	0.00, 0.58, 0.71, 0.38
HSL	11°, 55%, 40%
HSV	11°, 71%, 62%
XYZ	16.5419, 11.3628, 3.9062
YIQ	91.2280, 61.2520, 13.2840

# Conversions

## Conversions Part 2

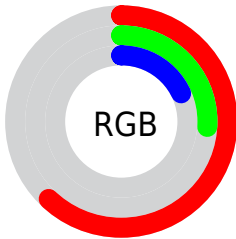
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 70, 46
Decimal	10371630
CIE Lab	40.18, 36.98, 30.91
CIE LCh	40, 48.199, 39.887
Yxy	11.3628, 0.5200, 0.3572
Android (android.graphics.Color)	4288561710 (0xFF9E422E)
YUV	91.2280, -22.2974, 58.5590
Hunter-Lab	33.7087, 28.6051, 16.7256

# Details

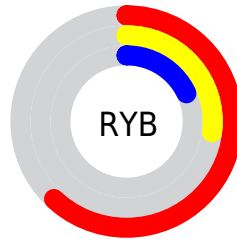
The Hex color **9E422E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2E8A9E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **DA755D**, and **650D00** is the 20% darker color. If you saturate the color by 10%, you get **9E351E**, and if you desaturate by 10%, it is **9E4F3E**.

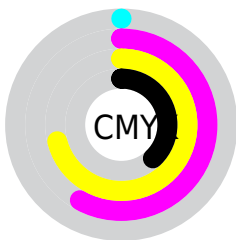
# Distribution



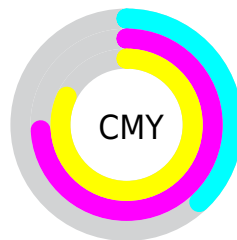
- Red (62%)
- Green (26%)
- Blue (18%)



- Red (62%)
- Yellow (27%)
- Blue (18%)



- Cyan (0%)
- Magenta (58%)
- Yellow (71%)
- Black (38%)



- Cyan (38%)
- Magenta (74%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E422E 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 9E422E by changing the saturation by 10% instead.



 9E422E

 9E422E

FFFFFF

 812918

 DA755D

 650D00

 F88F76

 480000

 FFAB8F

 300002

 FFC6AA

 000000

 FFE3C5

 FFFFE1

FFFFFFE

 9E422E

 9E422E

■ 9E351E

■ 9E4F3E

■ 9E280E

■ 9E5C4E

■ 9E1C00

■ 9E695D

■ 9E766D

■ 9E837D

■ 9E908D

■ 9E9D9D

■ 9EAAAC

■ 9EB7BC

# Harmonies

## Analogous

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



A53753



9E422E



87530D

# Triad

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



9E422E



006F42



175FAD

# Complementary

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



9E422E



2E8A9E

# 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.



006AA9



9E422E



00716B

# Square

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



9E422E



3B6A1C



007090



714E9C

# Rectangle

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



9E422E



725D00



007090



0063AE



# Sweetspot

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



9E422E



CFABA3



9E2E8B



69534E



E8E8E8



696969



# Same Dimension

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



9E422E



CF3E1F



9E792E



4F4947



8F1A00



0F0300



# Inverse Universe

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



2E8A9E



1FAFCF



2E539E



474E4F



00758F



000D0F



# Previews

## White Background



This preview shows how the Hex color 9E422E 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 9E422E Background



This preview shows how black text looks on a background with the Hex color 9E422E.



This preview shows how white text looks on a background with the Hex color 9E422E.

# 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**  
9E422E

**Protanopia**  
696038

**Deuteranopia**  
765B29



**Tritanopia**  
9F3F43

# Trichromacy



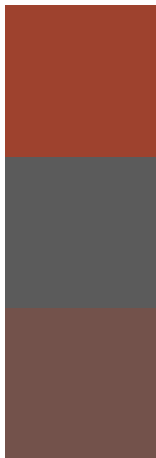
**Original Color**  
9E422E

**Protanomaly**  
7C5534

**Deuteranomaly**  
85522B

**Tritanomaly**  
9F403B

# Monochromacy



**Original Color**  
9E422E

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
73524B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E422E 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 #9E422E looks like.

```
.text, #text, p{  
    color:#9E422E  
}
```

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 #9E422E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E422E
}
```

## Border

The CSS property to change the border of an element to Hex 9E422E is called "border". The border property can be set on classes, ids or directly on the HTML element.

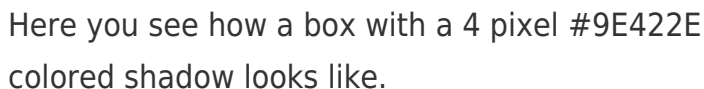
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E422E }
```

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

```
.border{ border-color:#9E422E }
```

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



Here you see how a box with a 4 pixel #9E422E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E422E; -webkit-box-shadow:4px 4px  
4px 4px #9E422E; box-shadow:4px 4px 4px  
4px #9E422E }
```

# Background

The CSS property to change the background color of an element to Hex 9E422E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E422E }
```

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

```
.background{ background-color:#9E422E }
```

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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