

# Converting Colors

Hex(9E423E)

Have a look what the booklet for  
Hex(9E423E) contains.

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# Color

Hex(9E423E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E423E
RGB	158, 66, 62
RGB Percent	62%, 26%, 24%
CMY	0.3804, 0.7412, 0.7569
CMYK	0.00, 0.58, 0.61, 0.38
HSL	3°, 44%, 43%
HSV	3°, 61%, 62%
XYZ	16.9183, 11.5133, 5.8880
YIQ	93.0520, 56.1160, 18.2600

# Conversions

## Conversions Part 2

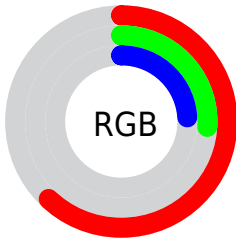
Format	Color
R <sub>Y</sub> B	158, 66, 62
Decimal	10371646
CIE Lab	40.43, 38.02, 21.67
CIE LCh	40, 43.759, 29.677
Yxy	11.5133, 0.4930, 0.3355
Android (android.graphics.Color)	4288561726 (0xFF9E423E)
YUV	93.0520, -15.3086, 56.9594
Hunter-Lab	33.9313, 29.6210, 13.4634

# Details

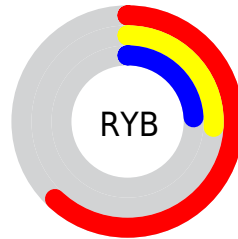
The Hex color **9E423E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3E9A9E**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **D9756E**, and **650C14** is the 20% darker color. If you saturate the color by 10%, you get **9E332E**, and if you desaturate by 10%, it is **9E514E**.

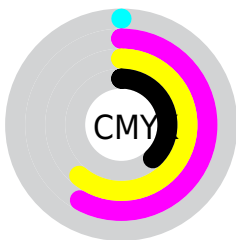
# Distribution



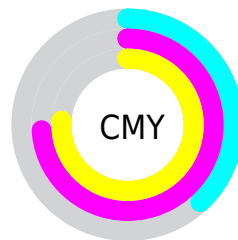
- Red (62%)
- Green (26%)
- Blue (24%)



- Red (62%)
- Yellow (26%)
- Blue (24%)



- Cyan (0%)
- Magenta (58%)
- Yellow (61%)
- Black (38%)



- Cyan (38%)
- Magenta (74%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E423E 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 9E423E by changing the saturation by 10% instead.



 9E423E

 9E423E

FFFFFF

 812928

 D9756E

 650C14

 F79087

 4A0000

 FFABA1

 310001

 FFC7BC

 000000

 FFE3D8

 FFFFF4

 9E423E

 9E423E

 9E332E

 9E514E

 9E241E

 9E605E

 9E150F

 9E6F6D

 9E0700

 9E7F7D

 9E8E8D

 9E9D9D

 9EACAD

 9EBBBC

 9ECACC

# Harmonies

## Analogous

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



9E3D61



9E423E



8E5020

# Triad

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



9E423E



166E39



0064A7

# Complementary

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



9E423E



3E9A9E

# 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.



006C9D



9E423E



00705E

# Square

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



9E423E



4E671B



007082



5E569E

# Rectangle

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



9E423E



7C5912



007082



0067A6



# Sweetspot

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



9E423E



CFABA9



9E3E9B



695352



E8E8E8



696969



# Same Dimension

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



9E423E



CF3E38



9E713E



4F4747



8F0600



0F0100



# Inverse Universe

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



3E9A9E



38C8CF



3E6B9E



474F4F



00898F



000F0F



# Previews

## White Background



This preview shows how the Hex color 9E423E looks on a white background.

## Color Contrast Check

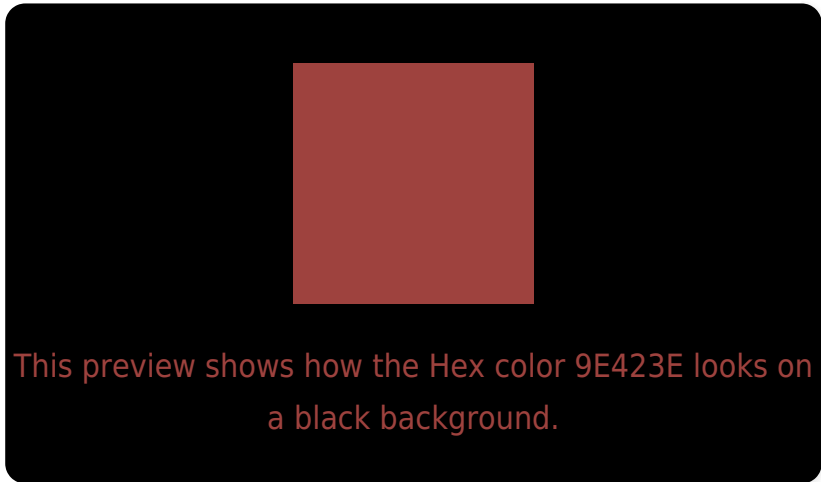
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E423E Background



This preview shows how black text looks on a background with the Hex color 9E423E.



This preview shows how white text looks on a background with the Hex color 9E423E.

# 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**  
9E423E

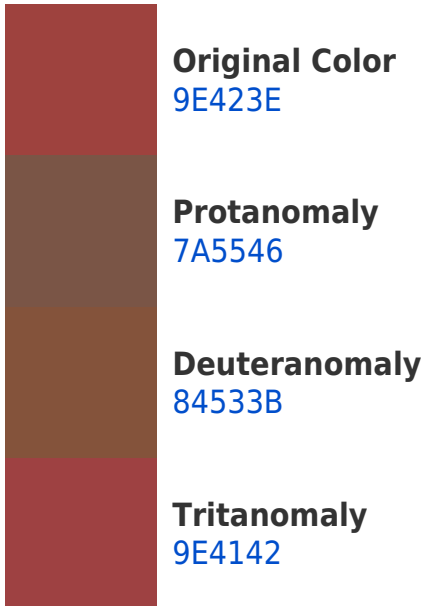
**Protanopia**  
66604A

**Deuteranopia**  
755C3A



**Tritanopia**  
9E4145

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E423E 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 #9E423E looks like.

```
.text, #text, p{  
    color:#9E423E  
}
```

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 #9E423E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E423E
}
```

## Border

The CSS property to change the border of an element to Hex 9E423E is called "border". The border property can be set on classes, ids or directly on the HTML element.

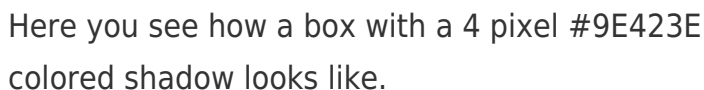
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E423E }
```

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

```
.border{ border-color:#9E423E }
```

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



Here you see how a box with a 4 pixel #9E423E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E423E; -webkit-box-shadow:4px 4px  
4px 4px #9E423E; box-shadow:4px 4px 4px  
4px #9E423E }
```

# Background

The CSS property to change the background color of an element to Hex 9E423E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E423E }
```

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

```
.background{ background-color:#9E423E }
```

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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