

# Converting Colors

Hex(9E3930)

Have a look what the booklet for  
Hex(9E3930) contains.

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# Color

**Hex(9E3930)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E3930
RGB	158, 57, 48
RGB Percent	62%, 22%, 19%
CMY	0.3804, 0.7765, 0.8118
CMYK	0.00, 0.64, 0.70, 0.38
HSL	5°, 53%, 40%
HSV	5°, 70%, 62%
XYZ	16.0972, 10.4088, 3.9570
YIQ	86.1730, 63.0850, 18.6130

# Conversions

## Conversions Part 2

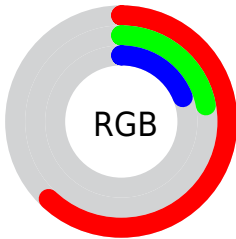
Format	Color
<b>R<sub>YB</sub></b>	158, 58, 48
Decimal	10369328
CIE Lab	38.57, 41.44, 27.83
CIE LCh	39, 49.916, 33.890
Yxy	10.4088, 0.5284, 0.3417
Android (android.graphics.Color)	4288559408 (0xFF9E3930)
YUV	86.1730, -18.8193, 62.9923
Hunter-Lab	32.2626, 32.6017, 15.3120

# Details

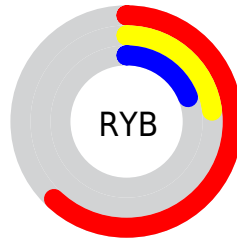
The Hex color **9E3930** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **30959E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **DA6D5E**, and **640002** is the 20% darker color. If you saturate the color by 10%, you get **9E2A20**, and if you desaturate by 10%, it is **9E4840**.

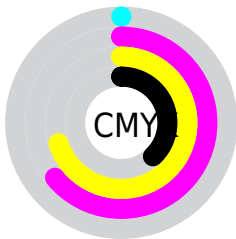
# Distribution



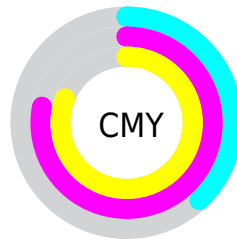
- Red (62%)
- Green (22%)
- Blue (19%)



- Red (62%)
- Yellow (23%)
- Blue (19%)



- Cyan (0%)
- Magenta (64%)
- Yellow (70%)
- Black (38%)



- Cyan (38%)
- Magenta (78%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E3930 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 9E3930 by changing the saturation by 10% instead.



 9E3930

 9E3930

FFFFFF

 811E1B

 DA6D5E

 640002

 F88777

 480000

 FFA291

 2F0002

 FFBEAC

 000000

 FFDBC7

 FFF8E3

 9E3930

 9E3930

 9E2A20

 9E4840

 9E1C10

 9E5650

 9E0D01

 9E655F

 9E0D00

 9E736F

 9E827F

 9E908F

 9E9F9F

 9EADAE

 9EBCBE

# Harmonies

## Analogous

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



A22F57



9E3930



894B0A

# Triad

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



9E3930



006B35



005EAC

# Complementary

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



9E3930



30959E

# 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.



0068A3



9E3930



006D5F

# Square

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



9E3930



3F650C



006D87



614E9F

# Rectangle

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



9E3930



755600



006D87



0062AC



# Sweetspot

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



9E3930



CFA7A3



9E3097



69514E



E8E8E8



696969



# Same Dimension

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



9E3930



CF2F21



9E6E30



4F4847



8F0C00



0F0100



# Inverse Universe

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



30959E



21C0CF



30609E



474E4F



00838F



000E0F



# Previews

## White Background



This preview shows how the Hex color 9E3930 looks on a white background.

## Color Contrast Check

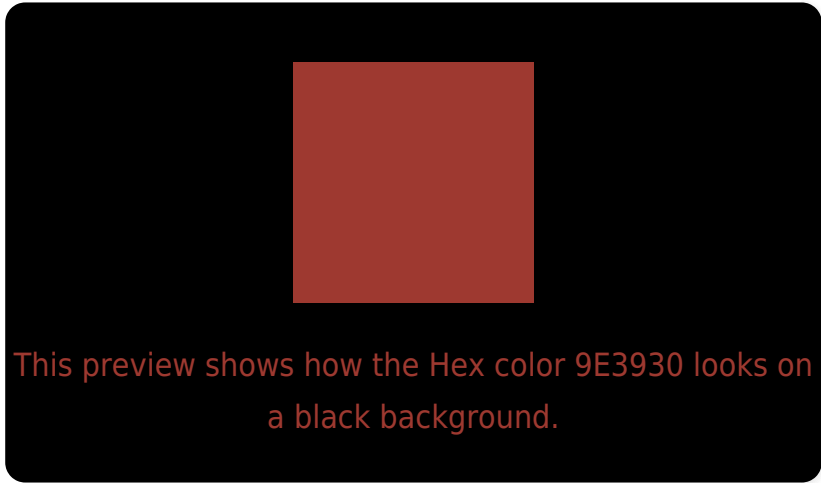
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E3930 Background



This preview shows how black text looks on a background with the Hex color 9E3930.

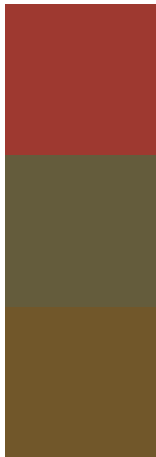


This preview shows how white text looks on a background with the Hex color 9E3930.

# 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**  
9E3930

**Protanopia**  
645C3C

**Deuteranopia**  
71572A



**Tritanopia**  
9E373B

# Trichromacy



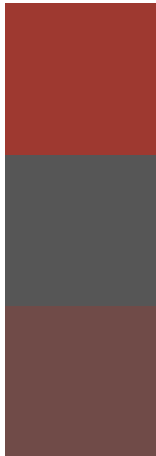
**Original Color**  
9E3930

**Protanomaly**  
794F38

**Deuteranomaly**  
814C2C

**Tritanomaly**  
9E3837

# Monochromacy



**Original Color**  
9E3930

**Achromatopsia**  
565656

**Achromatomaly**  
704B48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E3930 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 #9E3930 looks like.

```
.text, #text, p{  
    color:#9E3930  
}
```

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 #9E3930 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E3930
}
```

## Border

The CSS property to change the border of an element to Hex 9E3930 is called "border". The border property can be set on classes, ids or directly on the HTML element.

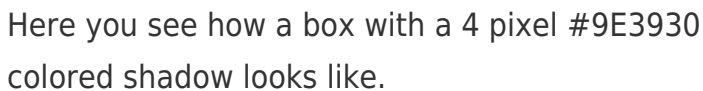
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E3930 }
```

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

```
.border{ border-color:#9E3930 }
```

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



Here you see how a box with a 4 pixel #9E3930 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E3930; -webkit-box-shadow:4px 4px  
4px 4px #9E3930; box-shadow:4px 4px 4px  
4px #9E3930 }
```

# Background

The CSS property to change the background color of an element to Hex 9E3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E3930 }
```

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

```
.background{ background-color:#9E3930 }
```

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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