

# Converting Colors

Hex(9E2C2D)

Have a look what the booklet for  
Hex(9E2C2D) contains.

<b>Hex(9E2C2D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(9E2C2D)

# Conversions

## Conversions Part 1

Format	Color
Hex	9E2C2D
RGB	158, 44, 45
RGB Percent	62%, 17%, 18%
CMY	0.3804, 0.8275, 0.8235
CMYK	0.00, 0.72, 0.72, 0.38
HSL	359°, 56%, 40%
HSV	359°, 72%, 62%
XYZ	15.4749, 9.2599, 3.4544
YIQ	78.2000, 67.6230, 24.4790

# Conversions

## Conversions Part 2

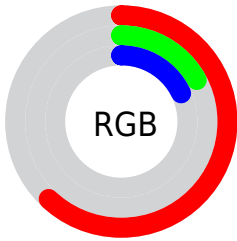
Format	Color
<a href="#">RYB</a>	<a href="#">158, 44, 45</a>
Decimal	<a href="#">10365997</a>
CIELab	<a href="#">36.48, 46.82, 27.17</a>
CIElCh	<a href="#">36, 54.129, 30.128</a>
Yxy	<a href="#">9.2599, 0.5490, 0.3285</a>
Android (android.graphics.Color)	<a href="#">4288556077</a> ( <a href="#">0xFF9E2C2D</a> )
YUV	<a href="#">78.2000, -16.3676, 69.9846</a>
Hunter-Lab	<a href="#">30.4301, 37.5214, 14.5706</a>

# Details

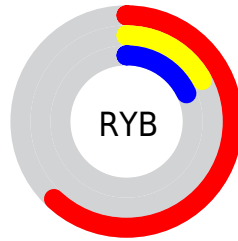
The Hex color **9E2C2D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2C9E9D**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **DA625B**, and **640000** is the 20% darker color. If you saturate the color by 10%, you get **9E1C1D**, and if you desaturate by 10%, it is **9E3C3D**.

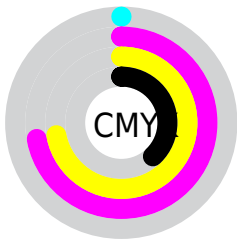
# Distribution



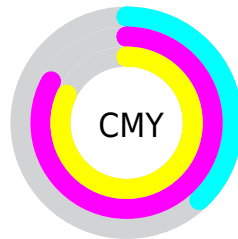
- Red (62%)
- Green (17%)
- Blue (18%)



- Red (62%)
- Yellow (17%)
- Blue (18%)



- Cyan (0%)
- Magenta (72%)
- Yellow (72%)
- Black (38%)



- Cyan (38%)
- Magenta (83%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E2C2D 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 9E2C2D by changing the saturation by 10% instead.



 9E2C2D

 9E2C2D

FFFFFF

 800A18

 DA625B

 640000

 F97C74

 460000

 FF988D

 2C0001

 FFB3A8

 000000

 FFD0C3

 FFEDDF

 FFFFFB

 9E2C2D

 9E2C2D

 9E1C1D

 9E3C3D

 9E0C0E

 9E4C4C

 9E0001

 9E5B5C

 9E6B6C

 9E7B7B

 9E8B8B

 9E9B9B

 9EAAAA

 9EBABA

# Harmonies

## Analogous

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



A02158



9E2C2D



894200

# Triad

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



9E2C2D



006627



005BAE

# Complementary

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



9E2C2D



2C9E9D

# 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.



0065A1



9E2C2D



006955

# Square

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



9E2C2D



3D6000



006981



514AA2

# Rectangle

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



9E2C2D



744F00



006981



005FAC



# Sweetspot

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



9E2C2D



CFA1A2



9C2C9E



694D4E



E8E8E8



696969



# Same Dimension

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



9E2C2D



CF1B1C



9E632C



4F4747



8F0001



0F0000



# Inverse Universe

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



9E2C2D



CF1B1C



2C679E



4F4747



8F0001



0F0000



# Previews

## White Background



This preview shows how the Hex color 9E2C2D looks on a white background.

## Color Contrast Check

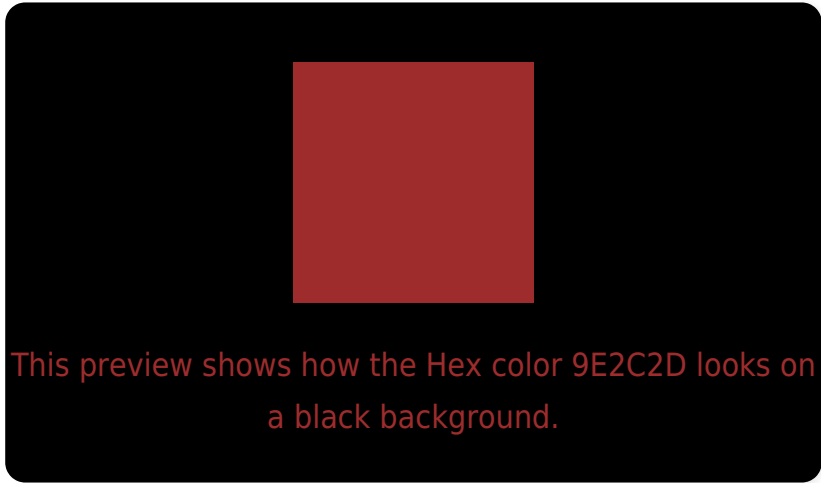
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E2C2D Background



This preview shows how black text looks on a background with the Hex color 9E2C2D.



This preview shows how white text looks on a background with the Hex color 9E2C2D.

# 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**  
9E2C2D

**Protanopia**  
5E573C

**Deuteranopia**  
6C5326



**Tritanopia**  
9E2C2E

# Trichromacy



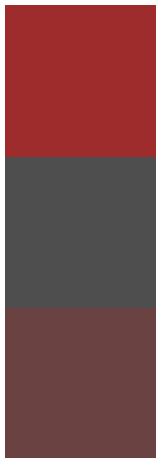
**Original Color**  
9E2C2D

**Protanomaly**  
754737

**Deuteranomaly**  
7E4529

**Tritanomaly**  
9E2C2E

# Monochromacy



**Original Color**  
9E2C2D

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
6B4242

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E2C2D 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 #9E2C2D looks like.

```
.text, #text, p{  
    color:#9E2C2D  
}
```

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 #9E2C2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E2C2D }  
}
```

## Border

The CSS property to change the border of an element to Hex 9E2C2D 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".

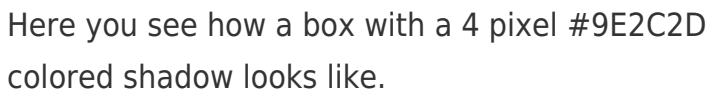
```
.border, #border, table{ border:4px solid #9E2C2D }  
}
```

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

```
.border{ border-color:#9E2C2D }
```

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

Here you see how a box with a 4 pixel #9E2C2D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E2C2D; -webkit-box-shadow:4px 4px  
4px 4px #9E2C2D; box-shadow:4px 4px 4px  
4px #9E2C2D }
```

# Background

The CSS property to change the background color of an element to Hex 9E2C2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E2C2D }
```

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

```
.background{ background-color:#9E2C2D }
```

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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