

Converting Colors

Hex(9E2A4E)

Have a look what the booklet for
Hex(9E2A4E) contains.

Hex(9E2A4E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9E2A4E)

Conversions

Conversions Part 1

Format	Color
Hex	9E2A4E
RGB	158, 42, 78
RGB Percent	62%, 16%, 31%
CMY	0.3804, 0.8353, 0.6941
CMYK	0.00, 0.73, 0.51, 0.38
HSL	341°, 58%, 39%
HSV	341°, 73%, 62%
XYZ	16.3037, 9.4751, 8.1773
YIQ	80.7880, 57.5800, 35.7880

Conversions

Conversions Part 2

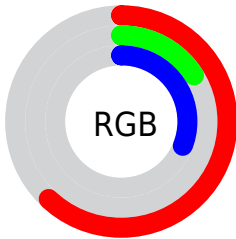
Format	Color
R_{YB}	158, 42, 78
Decimal	10365518
CIE _{Lab}	36.88, 49.87, 6.80
CIE _{LCh}	37, 50.328, 7.761
Yxy	9.4751, 0.4801, 0.2790
Android (android.graphics.Color)	4288555598 (0xFF9E2A4E)
YUV	80.7880, -1.3745, 67.7149
Hunter-Lab	30.7816, 40.6757, 5.7964

Details

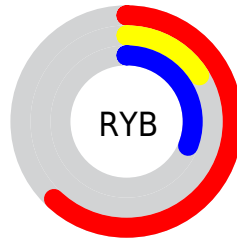
The Hex color **9E2A4E** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **2A9E7A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **D9617F**, and **650022** is the 20% darker color. If you saturate the color by 10%, you get **9E1A43**, and if you desaturate by 10%, it is **9E3A59**.

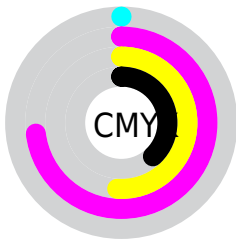
Distribution



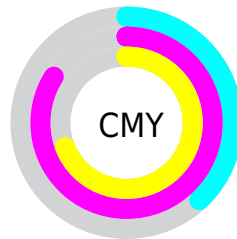
- Red (62%)
- Green (16%)
- Blue (31%)



- Red (62%)
- Yellow (16%)
- Blue (31%)



- Cyan (0%)
- Magenta (73%)
- Yellow (51%)
- Black (38%)



- Cyan (38%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E2A4E 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 9E2A4E by changing the saturation by 10% instead.

9E2A4E

9E2A4E

FFFFFF

810437

D9617F

650022

F77C99

49000C

FF97B3

2F0002

FFB3CF

000000

FFD0EB

FFEDFF

9E2A4E

9E2A4E

9E1A43

9E3A59

 9E0A38

 9E4A64

 9E0031

 9E596F

 9E697A

 9E7984

 9E898F

 9E999A

 9EA8A5

 9EB8B0

Harmonies

Analogous

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



8F3376



9E2A4E



983727

Triad

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



9E2A4E



34620B



0063A2

Complementary

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



9E2A4E



2A9E7A

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.



006888



9E2A4E



006736

Square

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



9E2A4E



605800



006961



0058A8

Rectangle

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



9E2A4E



8A430D



006961



00659B

Sweetspot

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



9E2A4E



CFA1AF



792A9E



694D56



E8E8E8



696969

Same Dimension

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



9E2A4E



CF1951



9E3F2A



4F474A



8F002C



0F0005

Inverse Universe

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



9E2A4E



CF1951



2A899E



4F474A



8F002C



0F0005

Previews

White Background



This preview shows how the Hex color 9E2A4E 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 9E2A4E Background



This preview shows how black text looks on a background with the Hex color 9E2A4E.

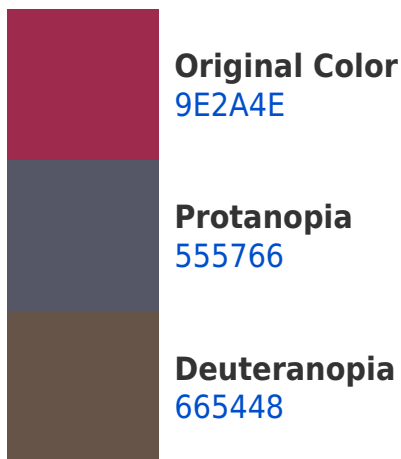



This preview shows how white text looks on a background with the Hex color 9E2A4E.

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





Tritanopia
9D3033

Trichromacy



Original Color
9E2A4E

Protanomaly
70475D

Deuteranomaly
7A454A

Tritanomaly
9D2E3D

Monochromacy



Original Color
9E2A4E

Achromatopsia
515151

Achromatomaly
6D4350

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E2A4E 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 #9E2A4E looks like.

```
.text, #text, p{  
    color:#9E2A4E  
}
```

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 #9E2A4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E2A4E
}
```

Border

The CSS property to change the border of an element to Hex 9E2A4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

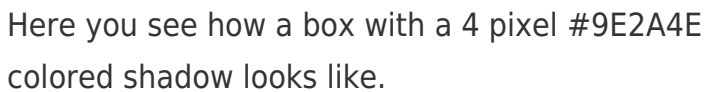
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E2A4E }
```

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

```
.border{ border-color:#9E2A4E }
```

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



Here you see how a box with a 4 pixel #9E2A4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E2A4E; -webkit-box-shadow:4px 4px  
4px 4px #9E2A4E; box-shadow:4px 4px 4px  
4px #9E2A4E }
```

Background

The CSS property to change the background color of an element to Hex 9E2A4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E2A4E }
```

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

```
.background{ background-color:#9E2A4E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor