

# Converting Colors

Hex(9F412E)

Have a look what the booklet for  
Hex(9F412E) contains.

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# Color

**Hex(9F412E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F412E
RGB	159, 65, 46
RGB Percent	62%, 25%, 18%
CMY	0.3765, 0.7451, 0.8196
CMYK	0.00, 0.59, 0.71, 0.38
HSL	10°, 55%, 40%
HSV	10°, 71%, 62%
XYZ	16.6815, 11.3488, 3.8961
YIQ	90.9400, 62.1230, 14.0190

# Conversions

## Conversions Part 2

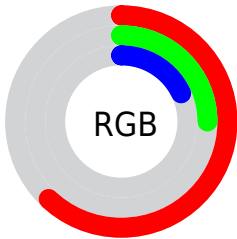
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	159, 69, 46
Decimal	10436910
CIE Lab	40.16, 37.87, 30.93
CIE LCh	40, 48.890, 39.239
Yxy	11.3488, 0.5225, 0.3555
Android (android.graphics.Color)	4288626990 (0xFF9F412E)
YUV	90.9400, -22.1554, 59.6886
Hunter-Lab	33.6879, 29.4353, 16.7245

# Details

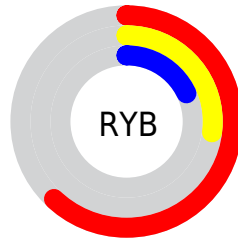
The Hex color **9F412E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2E8C9F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **DB745D**, and **650B00** is the 20% darker color. If you saturate the color by 10%, you get **9F341E**, and if you desaturate by 10%, it is **9F4E3E**.

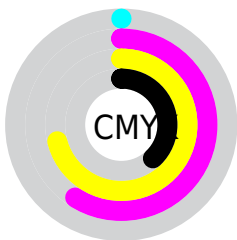
# Distribution



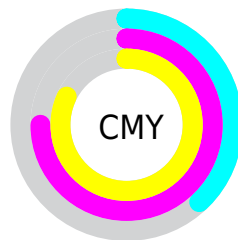
- Red (62%)
- Green (25%)
- Blue (18%)



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



- Cyan (0%)
- Magenta (59%)
- Yellow (71%)
- Black (38%)



- Cyan (38%)
- Magenta (75%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F412E 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 9F412E by changing the saturation by 10% instead.



 9F412E

 9F412E

FFFFFF

 822818

 DB745D

 650B00

 F98F76

 490000

 FFAA8F

 310002

 FFC6AA

 000000

 FFE2C5

 FFFFE1

FFFFFFE

 9F412E

 9F412E

■ 9F341E

■ 9F4E3E

■ 9F270E

■ 9F5B4E

■ 9F1B00

■ 9F695E

■ 9F766E

■ 9F837E

■ 9F908D

■ 9F9E9D

■ 9FABAD

■ 9FB8BD

# Harmonies

## Analogous

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



A63654



9F412E



88520B

# Triad

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



9F412E



006F41



0A5FAE

# Complementary

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



9F412E



2E8C9F

# 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.



006BA9



9F412E



00716A

# Square

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



9F412E



3B6A1A



007090



704E9D

# Rectangle

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



9F412E



735C00



007090



0064AF



# Sweetspot

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



9F412E



CFAAA3



9F2E8C



69534E



E8E8E8



696969



# Same Dimension

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



9F412E



CF3D1F



9F792E



4F4847



8F1800



0F0300



# Inverse Universe

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



2E8C9F



1FB1CF



2E549F



474E4F



00778F



000D0F



# Previews

## White Background



This preview shows how the Hex color 9F412E looks on a white background.

## Color Contrast Check

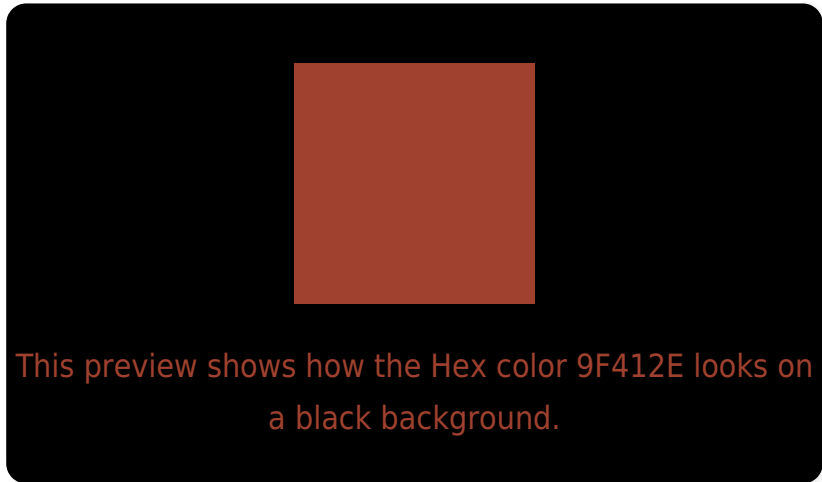
Large Text (above 18pt) WCAG AA ✓ Pass

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

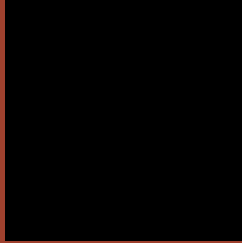
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9F412E Background



This preview shows how black text looks on a background with the Hex color 9F412E.

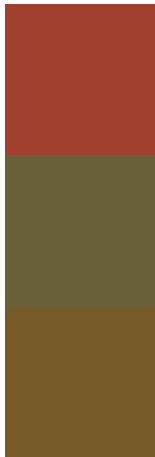


This preview shows how white text looks on a background with the Hex color 9F412E.

# 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**  
9F412E

**Protanopia**  
695F38

**Deuteranopia**  
765B29



**Tritanopia**  
A03E42

# Trichromacy



**Original Color**  
9F412E

**Protanomaly**  
7D5434

**Deuteranomaly**  
85522B

**Tritanomaly**  
A03F3B

# Monochromacy



**Original Color**  
9F412E

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
74524B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F412E 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 #9F412E looks like.

```
.text, #text, p{  
    color:#9F412E  
}
```

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 #9F412E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F412E
}
```

## Border

The CSS property to change the border of an element to Hex 9F412E is called "border". The border property can be set on classes, ids or directly on the HTML element.

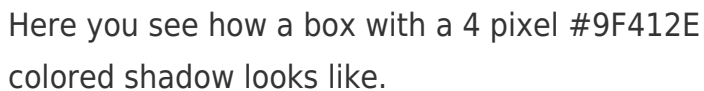
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F412E }
```

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

```
.border{ border-color:#9F412E }
```

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



Here you see how a box with a 4 pixel #9F412E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F412E; -webkit-box-shadow:4px 4px  
4px 4px #9F412E; box-shadow:4px 4px 4px  
4px #9F412E }
```

# Background

The CSS property to change the background color of an element to Hex 9F412E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F412E }
```

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

```
.background{ background-color:#9F412E }
```

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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