

# Converting Colors

Hex(9F442C)

Have a look what the booklet for  
Hex(9F442C) contains.

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**Color**

**Hex(9F442C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F442C
RGB	159, 68, 44
RGB Percent	62%, 27%, 17%
CMY	0.3765, 0.7333, 0.8275
CMYK	0.00, 0.57, 0.72, 0.38
HSL	13°, 57%, 40%
HSV	13°, 72%, 62%
XYZ	16.8198, 11.6870, 3.7522
YIQ	92.4730, 61.9400, 11.8280

# Conversions

## Conversions Part 2

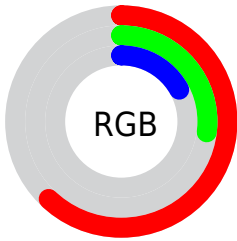
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 74, 44
Decimal	10437676
CIELab	40.71, 36.26, 32.70
CIELCh	41, 48.824, 42.048
Yxy	11.6870, 0.5214, 0.3623
Android (android.graphics.Color)	4288627756 (0xFF9F442C)
YUV	92.4730, -23.8972, 58.3442
Hunter-Lab	34.1863, 27.9969, 17.4229

# Details

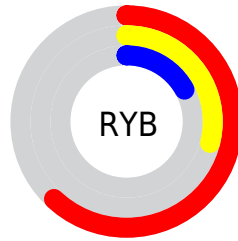
The Hex color **9F442C** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2C879F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **DB775B**, and **661000** is the 20% darker color. If you saturate the color by 10%, you get **9F371C**, and if you desaturate by 10%, it is **9F513C**.

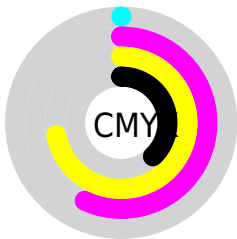
# Distribution



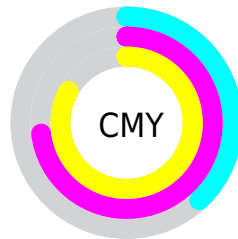
- Red (62%)
- Green (27%)
- Blue (17%)



- Red (62%)
- Yellow (29%)
- Blue (17%)



- Cyan (0%)
- Magenta (57%)
- Yellow (72%)
- Black (38%)



- Cyan (38%)
- Magenta (73%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F442C 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 9F442C by changing the saturation by 10% instead.





9F442C



9F442C

FFFFFF



822B16



DB775B



661000



F99174



490000



FFAD8D



300001



FFC8A8



000000



FFE5C3



FFFFDF



FFFFFC



9F442C



9F442C

 9F371C

 9F513C

 9F2B0C

 9F5D4C

 9F2100

 9F6A5C

 9F766C

 9F837B

 9F8F8B

 9F9C9B

 9FA9AB

 9FB5BB

# Harmonies

## Analogous

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



A83852



9F442C



87550A

# Triad

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



9F442C



007146



255FAF

# Complementary

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



9F442C



2C879F

# 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.



006BAC



9F442C



00736F

# Square

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



9F442C



376C1F



007195



764E9C

# Rectangle

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



9F442C



715F00



007195



0064B0



# Sweetspot

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



9F442C



CFABA1



9F2C88



69534D



E8E8E8



696969



# Same Dimension

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



9F442C



CF401B



9F7D2C



4F4947



8F1E00



0F0300



# Inverse Universe

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



2C879F



1BA9CF



2C4E9F



474D4F



00718F

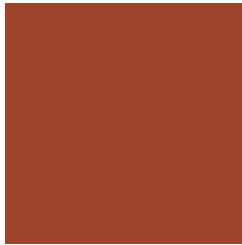


000C0F



# Previews

## White Background



This preview shows how the Hex color 9F442C looks on a white background.

## Color Contrast Check

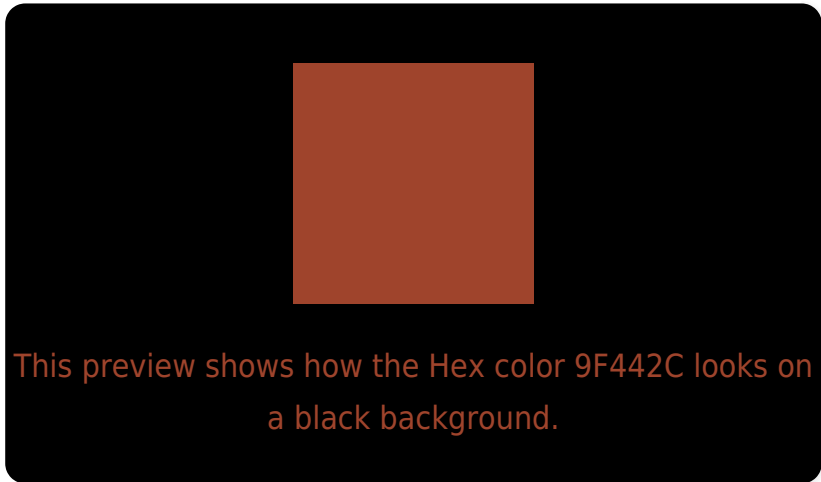
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F442C Background



This preview shows how black text looks on a background with the Hex color 9F442C.



This preview shows how white text looks on a background with the Hex color 9F442C.

# 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**  
9F442C

**Protanopia**  
6A6135

**Deuteranopia**  
785C27



**Tritanopia**  
A04145

# Trichromacy



**Original Color**  
9F442C

**Protanomaly**  
7D5632

**Deuteranomaly**  
865329

**Tritanomaly**  
A0423C

# Monochromacy



**Original Color**  
9F442C

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
74534B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F442C 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 #9F442C looks like.

```
.text, #text, p{  
    color:#9F442C  
}
```

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 #9F442C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F442C
}
```

## Border

The CSS property to change the border of an element to Hex 9F442C is called "border". The border property can be set on classes, ids or directly on the HTML element.

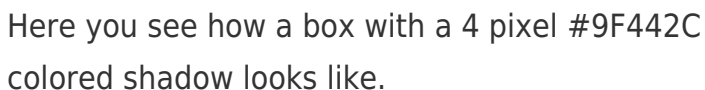
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F442C }
```

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

```
.border{ border-color:#9F442C }
```

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



Here you see how a box with a 4 pixel #9F442C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F442C; -webkit-box-shadow:4px 4px  
4px 4px #9F442C; box-shadow:4px 4px 4px  
4px #9F442C }
```

# Background

The CSS property to change the background color of an element to Hex 9F442C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F442C }
```

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

```
.background{ background-color:#9F442C }
```

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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