

Converting Colors

Hex(9C472A)

Have a look what the booklet for
Hex(9C472A) contains.

| | |
|--|----|
| Hex(9C472A) | 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(9C472A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 9C472A |
| RGB | 156, 71, 42 |
| RGB Percent | 61%, 28%, 16% |
| CMY | 0.3882, 0.7216, 0.8353 |
| CMYK | 0.00, 0.54, 0.73, 0.39 |
| HSL | 15°, 58%, 39% |
| HSV | 15°, 73%, 61% |
| XYZ | 16.3815, 11.7416, 3.5934 |
| YIQ | 93.1090, 59.9690, 9.0010 |

Conversions

Conversions Part 2

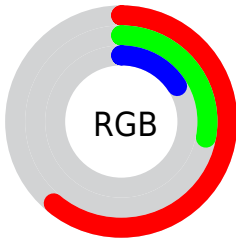
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 156, 81, 42 |
| Decimal | 10241834 |
| CIELab | 40.80, 33.42, 33.78 |
| CIELCh | 41, 47.517, 45.313 |
| Yxy | 11.7416, 0.5165, 0.3702 |
| Android (android.graphics.Color) | 4288431914 (0xFF9C472A) |
| YUV | 93.1090, -25.1967, 55.1554 |
| Hunter-Lab | 34.2660, 25.3697, 17.7685 |

Details

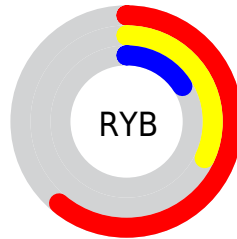
The Hex color **9C472A** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2A7F9C**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **D77A59**, and **631600** is the 20% darker color. If you saturate the color by 10%, you get **9C3B1A**, and if you desaturate by 10%, it is **9C533A**.

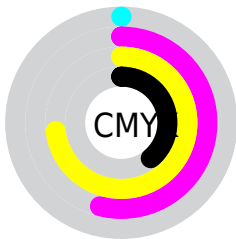
Distribution



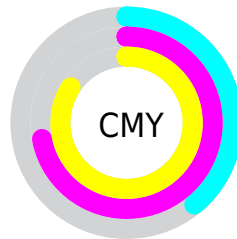
- Red (61%)
- Green (28%)
- Blue (16%)



- Red (61%)
- Yellow (32%)
- Blue (16%)



- Cyan (0%)
- Magenta (54%)
- Yellow (73%)
- Black (39%)



- Cyan (39%)
- Magenta (72%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C472A 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 9C472A by changing the saturation by 10% instead.

 9C472A

 9C472A

FFFFFF

 7F2F14

 D77A59

 631600

 F69472

 470000

 FFAF8B

 2E0001

 FFCBA6

 000000

 FFE7C1

 FFFFDD

 FFFFFA

 9C472A

 9C472A

 9C3B1A

 9C533A

 9C300B

 9C5E49

 9C2800

 9C6A59

 9C7668

 9C8178

 9C8D88

 9C9897

 9CA4A7

 9CB0B6

Harmonies

Analogous

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



A63A4E



9C472A



83570B

Triad

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



9C472A



00714B



375EAC

Complementary

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



9C472A



2A7F9C

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.



006AAC



9C472A



007274

Square

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



9C472A



336D25



007097



7B4D97

Rectangle

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



9C472A



6D6102



007097



0063AE

Sweetspot

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



9C472A



CCAB9F



9C2A80



66524B



E6E6E6



666666

Same Dimension

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



9C472A



CC4618



9C802A



4F4947



8F2400



0F0400

Inverse Universe

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



2A7F9C



189ECC



2A479C



474D4F



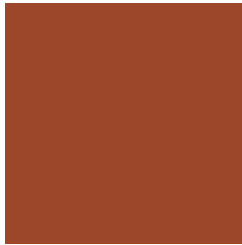
006A8F



000B0F

Previews

White Background



This preview shows how the Hex color 9C472A looks on a white background.

Color Contrast Check

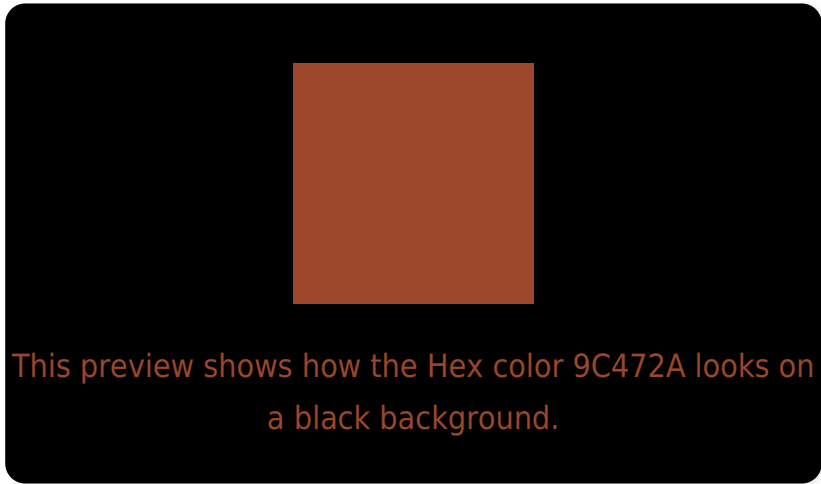
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C472A Background



This preview shows how black text looks on a background with the Hex color 9C472A.



This preview shows how white text looks on a background with the Hex color 9C472A.

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
9C472A

Protanopia
6B6132

Deuteranopia
795C25



Tritanopia
9D4348

Trichromacy



Original Color
9C472A

Protanomaly
7D582F

Deuteranomaly
865427

Tritanomaly
9D443D

Monochromacy



Original Color
9C472A

Achromatopsia
5D5D5D

Achromatomaly
74554A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C472A 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 #9C472A looks like.

```
.text, #text, p{  
    color:#9C472A  
}
```

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 #9C472A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C472A
}
```

Border

The CSS property to change the border of an element to Hex 9C472A is called "border". The border property can be set on classes, ids or directly on the HTML element.

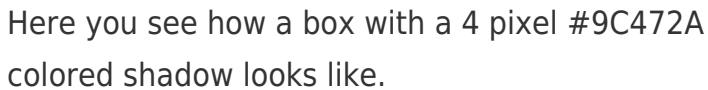
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C472A }
```

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

```
.border{ border-color:#9C472A }
```

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



Here you see how a box with a 4 pixel #9C472A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C472A; -webkit-box-shadow:4px 4px  
4px 4px #9C472A; box-shadow:4px 4px 4px  
4px #9C472A }
```

Background

The CSS property to change the background color of an element to Hex 9C472A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C472A }
```

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

```
.background{ background-color:#9C472A }
```

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