

Converting Colors

Hex(9A451C)

Have a look what the booklet for
Hex(9A451C) contains.

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Color

Hex(9A451C)

Conversions

Conversions Part 1

Format	Color
Hex	9A451C
RGB	154, 69, 28
RGB Percent	60%, 27%, 11%
CMY	0.3961, 0.7294, 0.8902
CMYK	0.00, 0.55, 0.82, 0.40
HSL	20°, 69%, 36%
HSV	20°, 82%, 60%
XYZ	15.6641, 11.2101, 2.4368
YIQ	89.7410, 63.8210, 5.2690

Conversions

Conversions Part 2

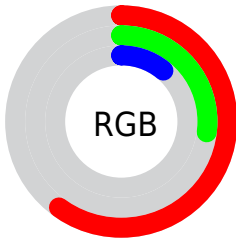
Format	Color
R_{YB}	154, 89, 28
Decimal	10110236
CIE Lab	39.93, 33.05, 40.07
CIE LCh	40, 51.941, 50.490
Yxy	11.2101, 0.5344, 0.3825
Android (android.graphics.Color)	4288300316 (0xFF9A451C)
YUV	89.7410, -30.4383, 56.3551
Hunter-Lab	33.4815, 24.9177, 19.1219

Details

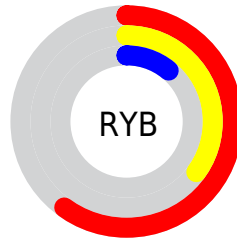
The Hex color **9A451C** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1C719A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **D6774B**, and **601400** is the 20% darker color. If you saturate the color by 10%, you get **9A3B0D**, and if you desaturate by 10%, it is **9A4F2B**.

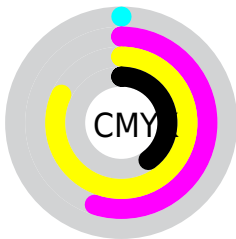
Distribution



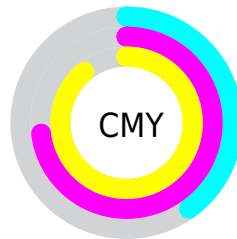
- Red (60%)
- Green (27%)
- Blue (11%)



- Red (60%)
- Yellow (35%)
- Blue (11%)



- Cyan (0%)
- Magenta (55%)
- Yellow (82%)
- Black (40%)



- Cyan (40%)
- Magenta (73%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A451C 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 9A451C by changing the saturation by 10% instead.

 9A451C

 9A451C

FFFFFF

 7D2D04

 D6774B

 601400

 F49264

 440000

 FFAD7D

 2D0001

 FFC897

 000000

 FFE5B2

 FFFFCE

 FFFFEB

 9A451C

 9A451C

■ 9A3B0D

■ 9A4F2B

■ 9A3200

■ 9A5A3B

■ 9A644A

■ 9A6F5A

■ 9A7969

■ 9A8378

■ 9A8E88

■ 9A9897

■ 9AA3A7

Harmonies

Analogous

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



A93443



9A451C



7D5700

Triad

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



9A451C



00714F



3F59AE

Complementary

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



9A451C



1C719A

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.



0067B2



9A451C



00717B

Square

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



9A451C



1A6D23



006F9F



834595

Rectangle

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



9A451C



646100



006F9F



005EB2

Sweetspot

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



9A451C



C9A797



9A1C72



665147



E6E6E6



666666

Same Dimension

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



9A451C



C94404



9A831C



4D4745



8C2E00



0D0400

Inverse Universe

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



1C719A



0489C9



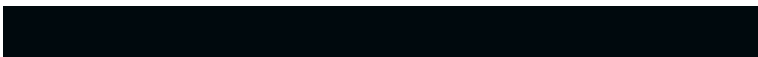
1C339A



454A4D



005F8C



00090D

Previews

White Background



This preview shows how the Hex color 9A451C looks on a white background.

Color Contrast Check

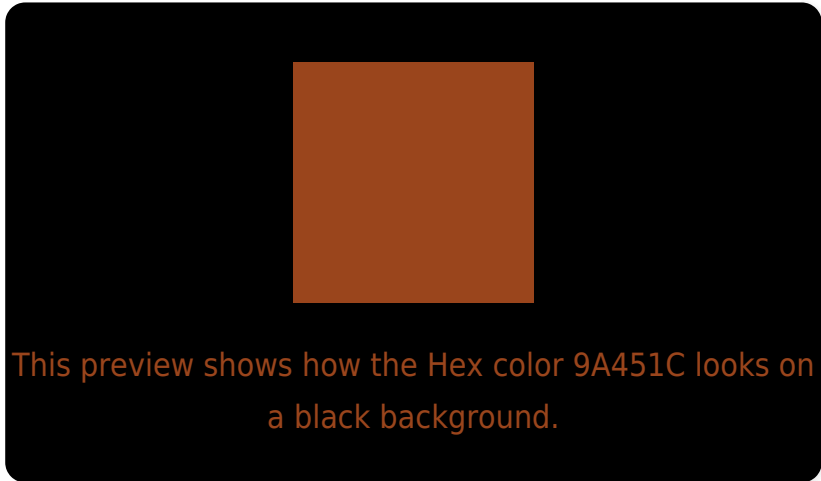
Large Text (above 18pt) WCAG AA ✓ Pass

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

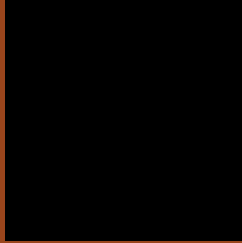
Any Text WCAG AA × Fail

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 9A451C Background



This preview shows how black text looks on a background with the Hex color 9A451C.



This preview shows how white text looks on a background with the Hex color 9A451C.

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
9A451C

Protanopia
6A5F23

Deuteranopia
775A14

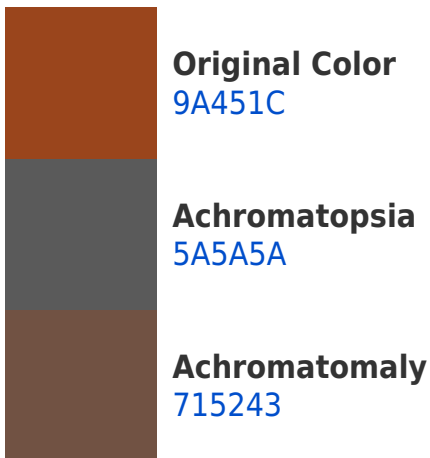


Tritanopia
9C4145

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A451C 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 #9A451C looks like.

```
.text, #text, p{  
    color:#9A451C  
}
```

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 #9A451C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A451C
}
```

Border

The CSS property to change the border of an element to Hex 9A451C is called "border". The border property can be set on classes, ids or directly on the HTML element.

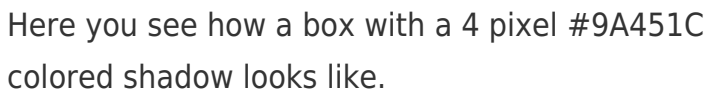
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A451C }
```

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

```
.border{ border-color:#9A451C }
```

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



Here you see how a box with a 4 pixel #9A451C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A451C; -webkit-box-shadow:4px 4px  
4px 4px #9A451C; box-shadow:4px 4px 4px  
4px #9A451C }
```

Background

The CSS property to change the background color of an element to Hex 9A451C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A451C }
```

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

```
.background{ background-color:#9A451C }
```

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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