

# Converting Colors

Hex(9C4A23)

Have a look what the booklet for  
Hex(9C4A23) contains.

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**Color**

**Hex(9C4A23)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C4A23
RGB	156, 74, 35
RGB Percent	61%, 29%, 14%
CMY	0.3882, 0.7098, 0.8627
CMYK	0.00, 0.53, 0.78, 0.39
HSL	19°, 63%, 37%
HSV	19°, 78%, 61%
XYZ	16.4625, 12.0868, 3.0554
YIQ	94.0720, 61.3910, 5.2550

# Conversions

## Conversions Part 2

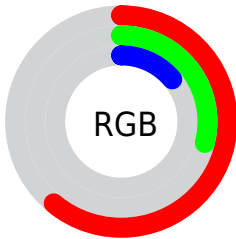
Format	Color
R <sub>Y</sub> B	156, 93, 35
Decimal	10242595
CIE Lab	41.35, 31.50, 38.11
CIE LCh	41, 49.441, 50.427
Yxy	12.0868, 0.5209, 0.3824
Android (android.graphics.Color)	4288432675 (0xFF9C4A23)
YUV	94.0720, -29.1225, 54.3109
Hunter-Lab	34.7661, 23.6826, 19.1256

# Details

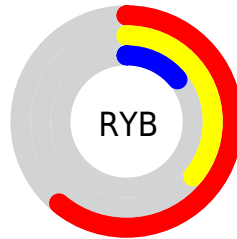
The Hex color **9C4A23** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **23759C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **D77C52**, and **631A00** is the 20% darker color. If you saturate the color by 10%, you get **9C3F13**, and if you desaturate by 10%, it is **9C5533**.

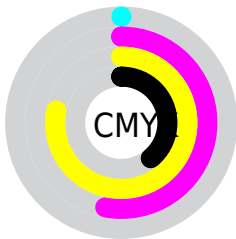
# Distribution



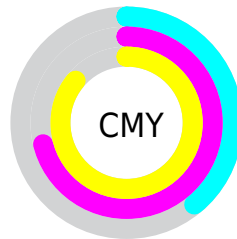
- Red (61%)
- Green (29%)
- Blue (14%)



- Red (61%)
- Yellow (36%)
- Blue (14%)



- Cyan (0%)
- Magenta (53%)
- Yellow (78%)
- Black (39%)



- Cyan (39%)
- Magenta (71%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C4A23 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 9C4A23 by changing the saturation by 10% instead.



 9C4A23

 9C4A23

FFFFFF

 7F320C

 D77C52

 631A00

 F6976B

 460000

 FFB284

 2E0001

 FFCE9F

 000000

 FFEABA

 FFFFD6

 FFFFF3

 9C4A23

 9C4A23

■ 9C3F13

■ 9C5533

■ 9C3504

■ 9C5F42

■ 9C3200

■ 9C6A52

■ 9C7461

■ 9C7F71

■ 9C8981

■ 9C9490

■ 9C9FA0

■ 9CA9AF

# Harmonies

## Analogous

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



AA3B48



9C4A23



805B02

# Triad

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



9C4A23



007453



475CAE

# Complementary

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



9C4A23



23759C

# 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.



006AB2



9C4A23



00747D

# Square

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



9C4A23



25702A



0072A0



854A96

# Rectangle

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



9C4A23



686400



0072A0



1A62B2



# Sweetspot

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



9C4A23



CCAC9D



9C2376



665349



E6E6E6



666666



# Same Dimension

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



9C4A23



CC4B0E



9C8623



4F4A47



8F2E00



0F0500



# Inverse Universe

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



23759C



0E8FCC



23399C



474D4F



00618F



000A0F



# Previews

## White Background



This preview shows how the Hex color 9C4A23 looks on a white background.

## Color Contrast Check

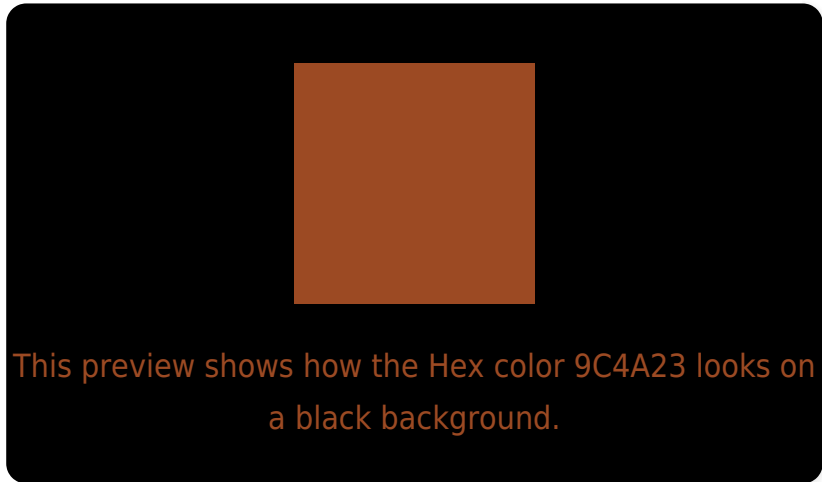
Large Text (above 18pt) WCAG AA ✓ Pass

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

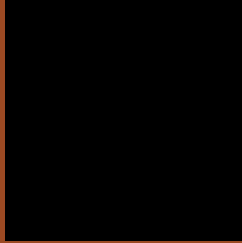
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9C4A23 Background



This preview shows how black text looks on a background with the Hex color 9C4A23.



This preview shows how white text looks on a background with the Hex color 9C4A23.

# 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**  
9C4A23

**Protanopia**  
6D622A

**Deuteranopia**  
7B5D1D



**Tritanopia**  
9E464A

# Trichromacy



**Original Color**  
9C4A23

**Protanomaly**  
7E5927

**Deuteranomaly**  
87561F

**Tritanomaly**  
9D473C

# Monochromacy



**Original Color**  
9C4A23

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
755749

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C4A23 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 #9C4A23 looks like.

```
.text, #text, p{  
    color:#9C4A23  
}
```

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 #9C4A23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C4A23
}
```

## Border

The CSS property to change the border of an element to Hex 9C4A23 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
#9C4A23 }
```

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

```
.border{ border-color:#9C4A23 }
```

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

Here you see how a box with a 4 pixel #9C4A23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C4A23; -webkit-box-shadow:4px 4px  
4px 4px #9C4A23; box-shadow:4px 4px 4px  
4px #9C4A23 }
```

# Background

The CSS property to change the background color of an element to Hex 9C4A23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C4A23 }
```

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

```
.background{ background-color:#9C4A23 }
```

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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