

# Converting Colors

Hex(9A3217)

Have a look what the booklet for  
Hex(9A3217) contains.

<b>Hex(9A3217)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9A3217)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A3217
RGB	154, 50, 23
RGB Percent	60%, 20%, 9%
CMY	0.3961, 0.8039, 0.9098
CMYK	0.00, 0.68, 0.85, 0.40
HSL	12°, 74%, 35%
HSV	12°, 85%, 60%
XYZ	14.6217, 9.2131, 1.8183
YIQ	78.0180, 70.6510, 13.6510

# Conversions

## Conversions Part 2

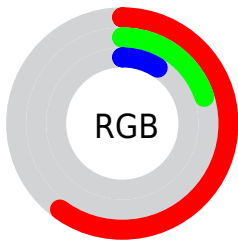
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 57, 23
Decimal	10105367
CIE <sub>Lab</sub>	36.39, 42.09, 39.21
CIE <sub>LCh</sub>	36, 57.520, 42.974
Yxy	9.2131, 0.5700, 0.3591
Android (android.graphics.Color)	4288295447 (0xFF9A3217)
YUV	78.0180, -27.1239, 66.6362
Hunter-Lab	30.3531, 32.8691, 17.6954

# Details

The Hex color **9A3217** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **177F9A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **D76645**, and **5F0000** is the 20% darker color. If you saturate the color by 10%, you get **9A2608**, and if you desaturate by 10%, it is **9A3E26**.

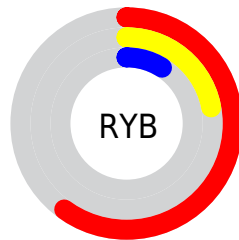
# Distribution



Red (60%)

Green (20%)

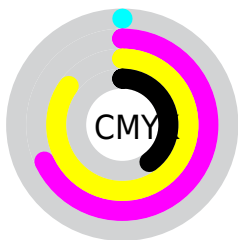
Blue (9%)



Red (60%)

Yellow (22%)

Blue (9%)

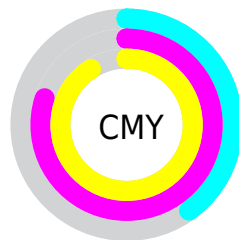


Cyan (0%)

Magenta (68%)

Yellow (85%)

Black (40%)



Cyan (40%)

Magenta (80%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A3217 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 9A3217 by changing the saturation by 10% instead.



 9A3217

 9A3217

FFFFFF

 7C1600

 D76645

 5F0000

 F6805D

 420000

 FF9B76

 280001

 FFB790

 000000

 FFD3AB

 FFF0C7

 FFFF3

 9A3217

 9A3217

■ 9A2608

■ 9A3E26

■ 9A2000

■ 9A4A36

■ 9A5745

■ 9A6355

■ 9A6F64

■ 9A7B73

■ 9A8883

■ 9A9492

■ 9AA0A2

# Harmonies

## Analogous

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



A51A44



9A3217



7E4A00

# Triad

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



9A3217



006839



0055B1

# Complementary

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



9A3217



177F9A

# 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.



0062AF



9A3217



006A69

# Square

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



9A3217



1B6300



006894



6F3E9A

# Rectangle

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



9A3217



655500



006894



005AB3



# Sweetspot

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



9A3217



C9A095



9A1780



664D46



E6E6E6



666666



# Same Dimension

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



9A3217



C92A00



9A7317



4D4645



8C1D00



0D0300



# Inverse Universe

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



177F9A



00A0C9



173E9A



454B4D



006F8C



000A0D



# Previews

## White Background



This preview shows how the Hex color 9A3217 looks on a white background.

## Color Contrast Check

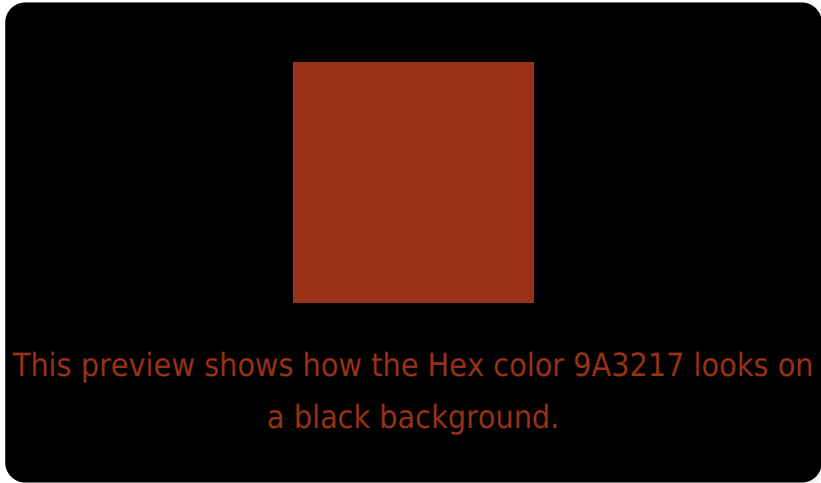
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 9A3217 Background



This preview shows how black text looks on a background with the Hex color 9A3217.



This preview shows how white text looks on a background with the Hex color 9A3217.

# 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](#).

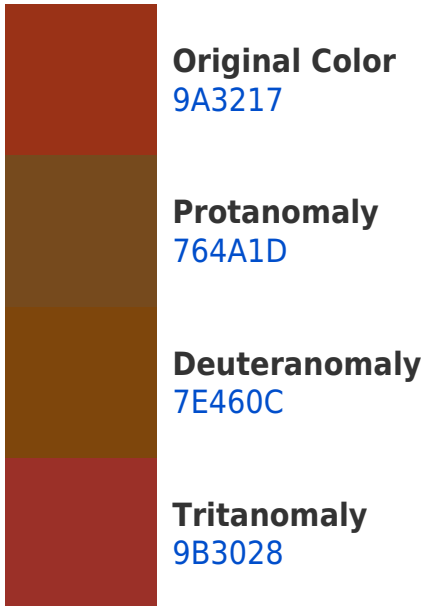
## Dichromacy



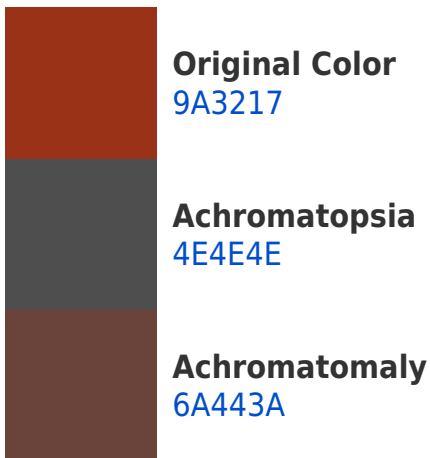


**Tritanopia**  
9B2F31

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A3217 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 #9A3217 looks like.

```
.text, #text, p{  
    color:#9A3217  
}
```

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 #9A3217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A3217
}
```

## Border

The CSS property to change the border of an element to Hex 9A3217 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
#9A3217 }
```

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

```
.border{ border-color:#9A3217 }
```

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

Here you see how a box with a 4 pixel #9A3217 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A3217; -webkit-box-shadow:4px 4px  
4px 4px #9A3217; box-shadow:4px 4px 4px  
4px #9A3217 }
```

# Background

The CSS property to change the background color of an element to Hex 9A3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A3217 }
```

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

```
.background{ background-color:#9A3217 }
```

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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