

# Converting Colors

Hex(9A321A)

Have a look what the booklet for  
Hex(9A321A) contains.

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# Color

**Hex(9A321A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A321A
RGB	154, 50, 26
RGB Percent	60%, 20%, 10%
CMY	0.3961, 0.8039, 0.8980
CMYK	0.00, 0.68, 0.83, 0.40
HSL	11°, 71%, 35%
HSV	11°, 83%, 60%
XYZ	14.6535, 9.2258, 1.9857
YIQ	78.3600, 69.6880, 14.5840

# Conversions

## Conversions Part 2

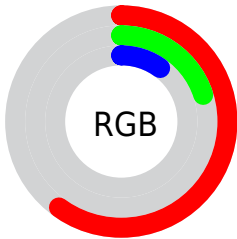
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 56, 26
Decimal	10105370
CIELab	36.42, 42.18, 37.73
CIElCh	36, 56.588, 41.814
Yxy	9.2258, 0.5665, 0.3567
Android (android.graphics.Color)	4288295450 (0xFF9A321A)
YUV	78.3600, -25.8135, 66.3363
Hunter-Lab	30.3740, 32.9601, 17.3857

# Details

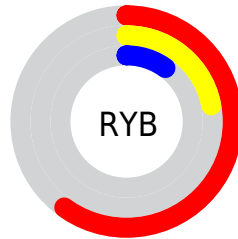
The Hex color **9A321A** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1A829A**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **D76648**, and **5F0000** is the 20% darker color. If you saturate the color by 10%, you get **9A250B**, and if you desaturate by 10%, it is **9A3F29**.

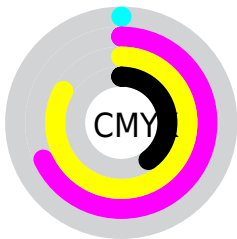
# Distribution



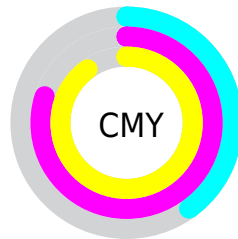
- Red (60%)
- Green (20%)
- Blue (10%)



- Red (60%)
- Yellow (22%)
- Blue (10%)



- Cyan (0%)
- Magenta (68%)
- Yellow (83%)
- Black (40%)



- Cyan (40%)
- Magenta (80%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A321A 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 9A321A by changing the saturation by 10% instead.



 9A321A

 9A321A

FFFFFF

 7C1602

 D76648

 5F0000

 F68060

 420000

 FF9B79

 280001

 FFB793

 000000

 FFD3AE

 FFF0CA

 FFFFE6

 9A321A

 9A321A

■ 9A250B

■ 9A3F29

■ 9A1D00

■ 9A4B39

■ 9A5848

■ 9A6458

■ 9A7167

■ 9A7D76

■ 9A8A86

■ 9A9695

■ 9AA3A5

# Harmonies

## Analogous

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



A41C46



9A321A



7F4900

# Triad

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



9A321A



006837



0055B0

# Complementary

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



9A321A



1A829A

# 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.



0062AD



9A321A



006967

# Square

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



9A321A



216300



006892



6D409A

# Rectangle

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



9A321A



665500



006892



005BB2



# Sweetspot

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



9A321A



C9A197



9A1A83



664D47



E6E6E6



666666



# Same Dimension

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



9A321A



C92600



9A711A



4D4645



8C1A00



0D0200



# Inverse Universe

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



1A829A



00A4C9



1A439A



454B4D



00728C



000A0D



# Previews

## White Background



This preview shows how the Hex color 9A321A looks on a white background.

## Color Contrast Check

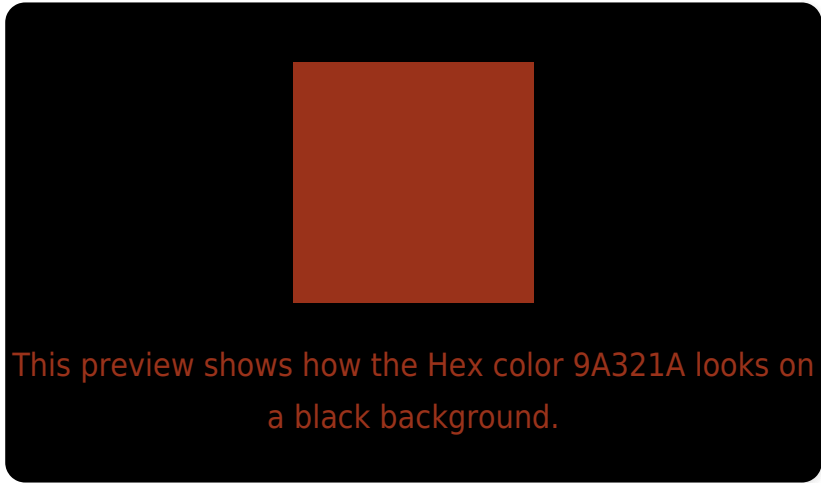
Large Text (above 18pt) WCAG AA ✓ Pass

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

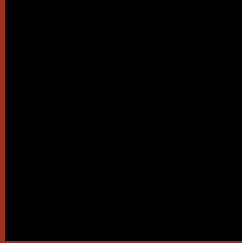
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9A321A Background



This preview shows how black text looks on a background with the Hex color 9A321A.

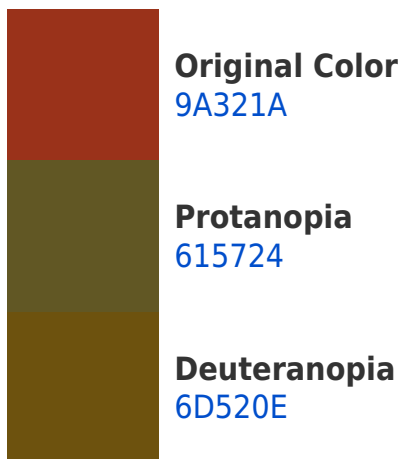


This preview shows how white text looks on a background with the Hex color 9A321A.

# 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**  
9B2F32

# Trichromacy



**Original Color**  
9A321A

**Protanomaly**  
764A20

**Deuteranomaly**  
7D4612

**Tritanomaly**  
9B3029

# Monochromacy



**Original Color**  
9A321A

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
6A443B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A321A 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 #9A321A looks like.

```
.text, #text, p{  
    color:#9A321A  
}
```

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 #9A321A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A321A
}
```

## Border

The CSS property to change the border of an element to Hex 9A321A is called "border". The border property can be set on classes, ids or directly on the HTML element.

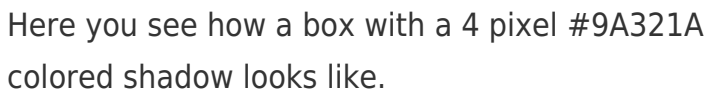
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A321A }
```

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

```
.border{ border-color:#9A321A }
```

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



Here you see how a box with a 4 pixel #9A321A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A321A; -webkit-box-shadow:4px 4px  
4px 4px #9A321A; box-shadow:4px 4px 4px  
4px #9A321A }
```

# Background

The CSS property to change the background color of an element to Hex 9A321A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A321A }
```

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

```
.background{ background-color:#9A321A }
```

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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