

# Converting Colors

Hex(8A621C)

Have a look what the booklet for  
Hex(8A621C) contains.

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**Color**

**Hex(8A621C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A621C
RGB	138, 98, 28
RGB Percent	54%, 38%, 11%
CMY	0.4588, 0.6157, 0.8902
CMYK	0.00, 0.29, 0.80, 0.46
HSL	38°, 66%, 33%
HSV	38°, 80%, 54%
XYZ	15.0585, 14.2225, 3.0502
YIQ	101.9800, 46.3100, -13.2900

# Conversions

## Conversions Part 2

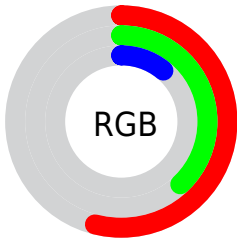
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 138, 28
Decimal	9069084
CIELab	44.55, 9.56, 43.66
CIELCh	45, 44.690, 77.649
Yxy	14.2225, 0.4658, 0.4399
Android (android.graphics.Color)	4287259164 (0xFF8A621C)
YUV	101.9800, -36.4721, 31.5895
Hunter-Lab	37.7127, 5.2770, 21.6036

# Details

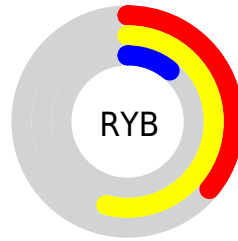
The Hex color **8A621C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1C448A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **C3954D**, and **543400** is the 20% darker color. If you saturate the color by 10%, you get **8A5D0E**, and if you desaturate by 10%, it is **8A672A**.

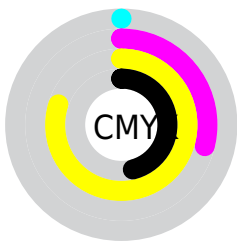
# Distribution



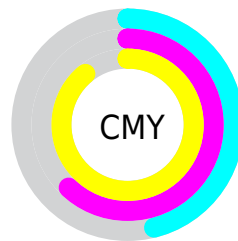
- Red (54%)
- Green (38%)
- Blue (11%)



- Red (36%)
- Yellow (54%)
- Blue (11%)



- Cyan (0%)
- Magenta (29%)
- Yellow (80%)
- Black (46%)



- Cyan (46%)
- Magenta (62%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A621C 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 8A621C by changing the saturation by 10% instead.





8A621C



8A621C

FFFFFF



6E4A00



C3954D



543400



E0AF67



391F00



FECA81



210800



FFE79B



000000



FFFFB6



FFFFD2



FFFFEF



8A621C



8A621C

■ 8A5D0E

■ 8A672A

■ 8A5800

■ 8A6C38

■ 8A7145

■ 8A7653

■ 8A7B61

■ 8A806F

■ 8A857D

■ 8A8A8A

■ 8A8F98

# Harmonies

## Analogous

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



A35334



8A621C



686E1C

# Triad

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



8A621C



007B7F



87569C

# Complementary

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



8A621C



1C448A

# 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.



4E66B0



8A621C



0079A0

# Square

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



8A621C



007A58



0072B2



A5497A

# Rectangle

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



8A621C



4D742B



0072B2



785BA5



# Sweetspot

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



8A621C



B3A388



8A1C44



59503F



D9D9D9



595959



# Same Dimension

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



8A621C



B37407



7B8A1C



45423E



855400



050300



# Inverse Universe

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



1C448A



0745B3



2B1C8A



3E4045



003085



000205



# Previews

## White Background



This preview shows how the Hex color 8A621C 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 8A621C Background



This preview shows how black text looks on a background with the Hex color 8A621C.



This preview shows how white text looks on a background with the Hex color 8A621C.

# 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**  
8A621C

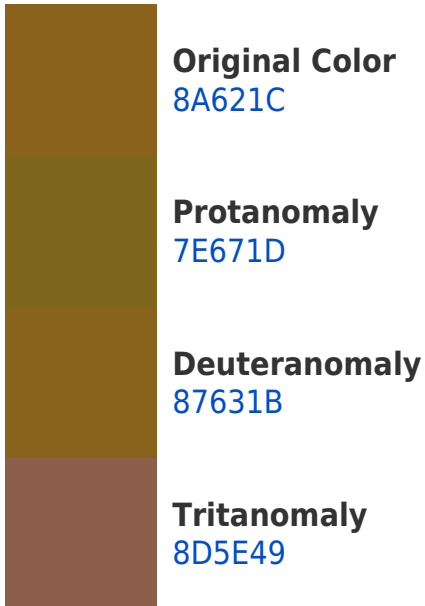
**Protanopia**  
776A1E

**Deuteranopia**  
85641B

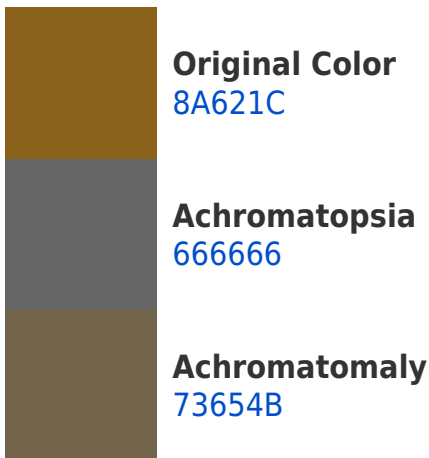


**Tritanopia**  
8E5B62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A621C 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 #8A621C looks like.

```
.text, #text, p{  
    color:#8A621C  
}
```

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 #8A621C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A621C
}
```

## Border

The CSS property to change the border of an element to Hex 8A621C is called "border". The border property can be set on classes, ids or directly on the HTML element.

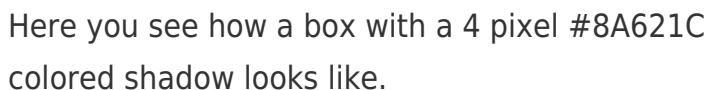
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A621C }
```

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

```
.border{ border-color:#8A621C }
```

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



Here you see how a box with a 4 pixel #8A621C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A621C; -webkit-box-shadow:4px 4px  
4px 4px #8A621C; box-shadow:4px 4px 4px  
4px #8A621C }
```

# Background

The CSS property to change the background color of an element to Hex 8A621C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A621C }
```

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

```
.background{ background-color:#8A621C }
```

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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