

# Converting Colors

Hex(8A211B)

Have a look what the booklet for  
Hex(8A211B) contains.

<b>Hex(8A211B)</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(8A211B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A211B
RGB	138, 33, 27
RGB Percent	54%, 13%, 11%
CMY	0.4588, 0.8706, 0.8941
CMYK	0.00, 0.76, 0.80, 0.46
HSL	3°, 67%, 32%
HSV	3°, 80%, 54%
XYZ	11.2229, 6.5701, 1.7136
YIQ	63.7110, 64.5060, 20.3940

# Conversions

## Conversions Part 2

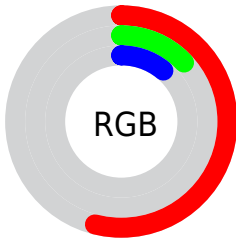
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 33, 27
Decimal	9052443
CIE Lab	30.81, 43.54, 30.58
CIE LCh	31, 53.208, 35.084
Yxy	6.5701, 0.5753, 0.3368
Android (android.graphics.Color)	4287242523 (0xFF8A211B)
YUV	63.7110, -18.0985, 65.1515
Hunter-Lab	25.6322, 33.2987, 13.9789

# Details

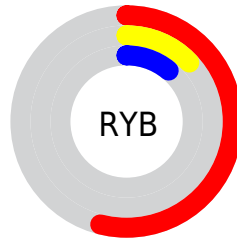
The Hex color **8A211B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1B848A**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **C65647**, and **500000** is the 20% darker color. If you saturate the color by 10%, you get **8A140D**, and if you desaturate by 10%, it is **8A2E29**.

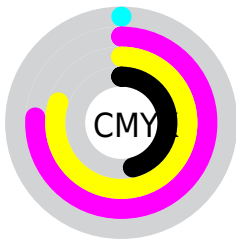
# Distribution



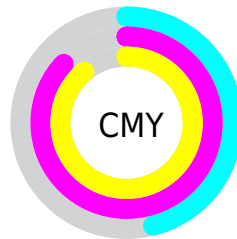
- Red (54%)
- Green (13%)
- Blue (11%)



- Red (54%)
- Yellow (13%)
- Blue (11%)



- Cyan (0%)
- Magenta (76%)
- Yellow (80%)
- Black (46%)



- Cyan (46%)
- Magenta (87%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A211B 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 8A211B by changing the saturation by 10% instead.



 8A211B

 8A211B

FFFFFF

 6D0003

 C65647

 500000

 E4705F

 360002

 FF8B78

 0A0000

 FFA692

 000000

 FFC2AD

 FFDFC8

 FFFCE4

 8A211B

 8A211B

■ 8A140D

■ 8A2E29

■ 8A0700

■ 8A3B37

■ 8A4844

■ 8A5552

■ 8A6260

■ 8A6F6E

■ 8A7C7C

■ 8A8989

■ 8A9697

# Harmonies

## Analogous

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



8F0D43



8A211B



743900

# Triad

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



8A211B



005823



004C9C

# Complementary

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



8A211B



1B848A

# 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.



005694



8A211B



005A4F

# Square

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



8A211B



265300



005A78



4F3A8D

# Rectangle

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



8A211B



5F4400



005A78



00509C



# Sweetspot

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



8A211B



B38A88



8A1B84



59413F



D9D9D9



595959



# Same Dimension

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



8A211B



B30F05



8A581B



453E3E



850700



050000



# Inverse Universe

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



1B848A



05A9B3



1B4D8A



3E4445



007D85



000505



# Previews

## White Background



This preview shows how the Hex color 8A211B 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 8A211B Background



This preview shows how black text looks on a background with the Hex color 8A211B.



This preview shows how white text looks on a background with the Hex color 8A211B.

# 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



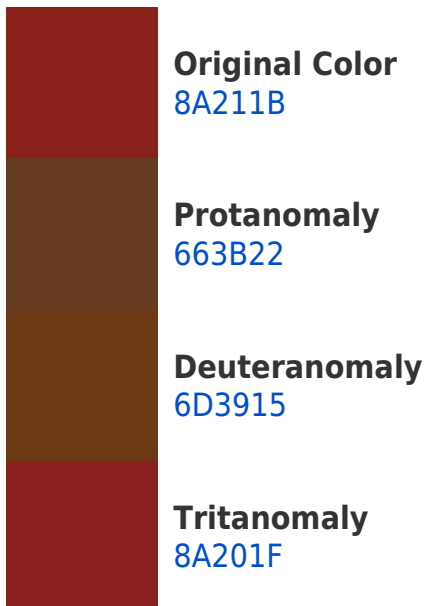
**Original Color**  
8A211B

**Protanopia**  
524A26

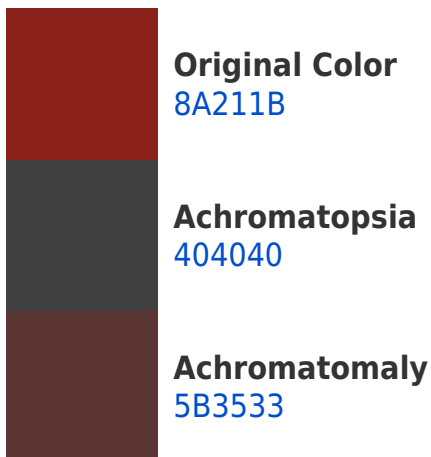
**Deuteranopia**  
5D4611



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A211B 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 #8A211B looks like.

```
.text, #text, p{  
    color:#8A211B  
}
```

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 #8A211B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A211B }  
}
```

## Border

The CSS property to change the border of an element to Hex 8A211B is called "border". The border property can be set on classes, ids or directly on the HTML element.

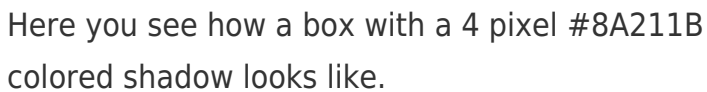
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #8A211B }  
}
```

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

```
.border{ border-color:#8A211B }
```

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



Here you see how a box with a 4 pixel #8A211B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A211B; -webkit-box-shadow:4px 4px  
4px 4px #8A211B; box-shadow:4px 4px 4px  
4px #8A211B }
```

# Background

The CSS property to change the background color of an element to Hex 8A211B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A211B }
```

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

```
.background{ background-color:#8A211B }
```

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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