

# Converting Colors

Hex(8C271B)

Have a look what the booklet for  
Hex(8C271B) contains.

<b>Hex(8C271B)</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(8C271B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C271B
RGB	140, 39, 27
RGB Percent	55%, 15%, 11%
CMY	0.4510, 0.8471, 0.8941
CMYK	0.00, 0.72, 0.81, 0.45
HSL	6°, 68%, 33%
HSV	6°, 81%, 55%
XYZ	11.7386, 7.1056, 1.7897
YIQ	67.8310, 64.0480, 17.6800

# Conversions

## Conversions Part 2

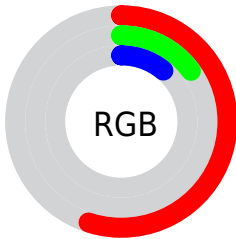
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 40, 27
Decimal	9185051
CIE <sub>Lab</sub>	32.05, 41.90, 31.99
CIE <sub>LCh</sub>	32, 52.716, 37.356
Yxy	7.1056, 0.5689, 0.3444
Android (android.graphics.Color)	4287375131 (0xFF8C271B)
YUV	67.8310, -20.1297, 63.2922
Hunter-Lab	26.6564, 31.9567, 14.6787

# Details

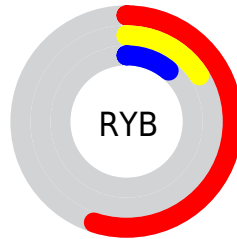
The Hex color **8C271B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1B808C**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **C85B48**, and **520000** is the 20% darker color. If you saturate the color by 10%, you get **8C1A0D**, and if you desaturate by 10%, it is **8C3429**.

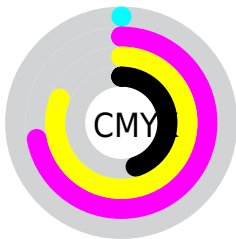
# Distribution



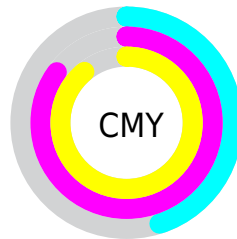
- Red (55%)
- Green (15%)
- Blue (11%)



- Red (55%)
- Yellow (16%)
- Blue (11%)



- Cyan (0%)
- Magenta (72%)
- Yellow (81%)
- Black (45%)



- Cyan (45%)
- Magenta (85%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C271B 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 8C271B by changing the saturation by 10% instead.





8C271B



8C271B

FFFFFF



6F0703



C85B48



520000



E67560



370001



FF9079



120000



FFAB93



000000



FFC7AD



FFE4C9



FFFFE5



8C271B



8C271B

■ 8C1A0D

■ 8C3429

■ 8C0F00

■ 8C4037

■ 8C4D45

■ 8C5953

■ 8C6661

■ 8C726F

■ 8C7F7D

■ 8C8B8B

■ 8C9899

# Harmonies

## Analogous

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



931443



8C271B



753D00

# Triad

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



8C271B



005B29



004D9F

# Complementary

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



8C271B



1B808C

# 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.



005898



8C271B



005D55

# Square

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



8C271B



255600



005D7D



573B8E

# Rectangle

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



8C271B



604800



005D7D



00529F



# Sweetspot

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



8C271B



B58E8A



8C1B81



5C4441



DBDBDB



5C5C5C



# Same Dimension

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



8C271B



B51805



8C5F1B



453F3E



850E00



050100



# Inverse Universe

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



1B808C



05A2B5



1B488C



3E4445



007785



000505



# Previews

## White Background



This preview shows how the Hex color 8C271B looks on a white background.

## Color Contrast Check

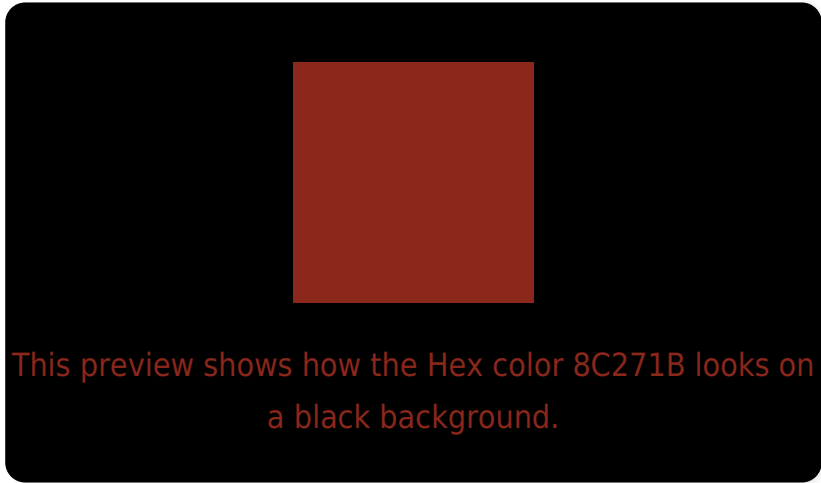
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C271B Background



This preview shows how black text looks on a background with the Hex color 8C271B.



This preview shows how white text looks on a background with the Hex color 8C271B.

# 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**  
8C271B

**Protanopia**  
554D25

**Deuteranopia**  
614912



**Tritanopia**  
8C2527

# Trichromacy



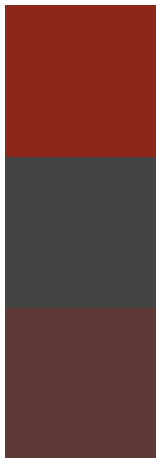
**Original Color**  
8C271B

**Protanomaly**  
693F21

**Deuteranomaly**  
713D15

**Tritanomaly**  
8C2623

# Monochromacy



**Original Color**  
8C271B

**Achromatopsia**  
444444

**Achromatomaly**  
5E3935

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C271B 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 #8C271B looks like.

```
.text, #text, p{  
    color:#8C271B  
}
```

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 #8C271B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C271B
}
```

## Border

The CSS property to change the border of an element to Hex 8C271B is called "border". The border property can be set on classes, ids or directly on the HTML element.

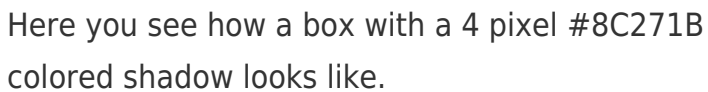
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C271B }
```

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

```
.border{ border-color:#8C271B }
```

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



Here you see how a box with a 4 pixel #8C271B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C271B; -webkit-box-shadow:4px 4px  
4px 4px #8C271B; box-shadow:4px 4px 4px  
4px #8C271B }
```

# Background

The CSS property to change the background color of an element to Hex 8C271B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C271B }
```

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

```
.background{ background-color:#8C271B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor