

# Converting Colors

Hex(8B281B)

Have a look what the booklet for  
Hex(8B281B) contains.

|  |    |
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**Color**

**Hex(8B281B)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 8B281B                    |
| RGB         | 139, 40, 27               |
| RGB Percent | 55%, 16%, 11%             |
| CMY         | 0.4549, 0.8431, 0.8941    |
| CMYK        | 0.00, 0.71, 0.81, 0.45    |
| HSL         | 7°, 67%, 33%              |
| HSV         | 7°, 81%, 55%              |
| XYZ         | 11.6041, 7.0857, 1.7930   |
| YIQ         | 68.1190, 63.1770, 16.9450 |

# Conversions

## Conversions Part 2

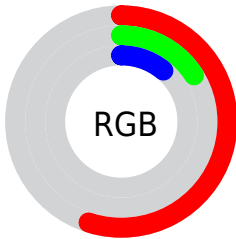
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 139, 42, 27                   |
| Decimal                             | 9119771                       |
| CIE <sub>Lab</sub>                  | 32.00, 41.14, 31.88           |
| CIE <sub>LCh</sub>                  | 32, 52.047, 37.770            |
| Yxy                                 | 7.0857, 0.5665,<br>0.3459     |
| Android<br>(android.graphics.Color) | 4287309851<br>(0xFF8B281B)    |
| YUV                                 | 68.1190, -20.2717,<br>62.1626 |
| Hunter-Lab                          | 26.6189, 31.2309,<br>14.6396  |

# Details

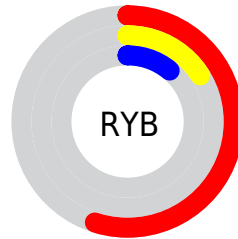
The Hex color **8B281B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1B7E8B**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **C75C48**, and **510000** is the 20% darker color. If you saturate the color by 10%, you get **8B1C0D**, and if you desaturate by 10%, it is **8B3429**.

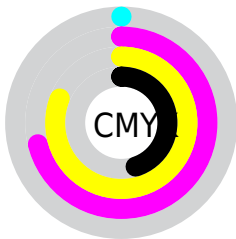
# Distribution



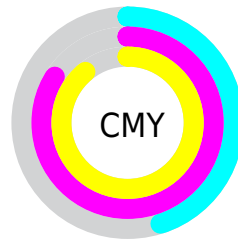
- Red (55%)
- Green (16%)
- Blue (11%)



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



- Cyan (0%)
- Magenta (71%)
- Yellow (81%)
- Black (45%)



- Cyan (45%)
- Magenta (84%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B281B 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 8B281B by changing the saturation by 10% instead.



 8B281B

 8B281B

FFFFFF

 6E0903

 C75C48

 510000

 E57660

 370001

 FF9179

 100000

 FFAC93

 000000

 FFC8AD

 FFE4C9

 FFFF E5

 8B281B

 8B281B

 8B1C0D

 8B3429

 8B1000

 8B4137

 8B4D45

 8B5953

 8B6561

 8B726E

 8B7E7C

 8B8A8A

 8B9798

# Harmonies

## Analogous

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



921643



8B281B



743D00

# Triad

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



8B281B



005B2A



004D9D

# Complementary

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



8B281B



1B7E8B

# 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.



005897



8B281B



005D55

# Square

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



8B281B



255600



005C7D



583B8D

# Rectangle

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



8B281B



5F4900



005C7D



00529E



# Sweetspot

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



8B281B



B58F8A



8B1B80



5C4441



DBDBDB



5C5C5C



# Same Dimension

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



8B281B



B51A05



8B5E1B



453F3E



850F00



050100



# Inverse Universe

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



1B7E8B



05A1B5



1B488B



3E4445



007585



000505



# Previews

## White Background



This preview shows how the Hex color 8B281B looks on a white background.

## Color Contrast Check

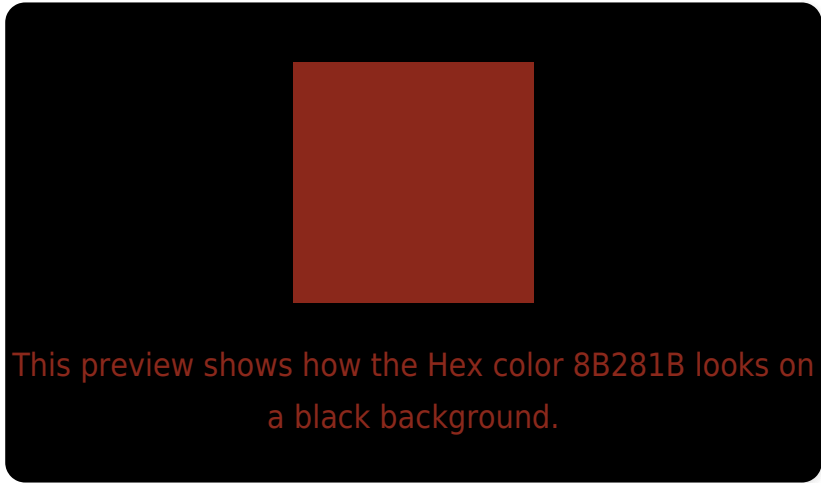
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B281B Background



This preview shows how black text looks on a background with the Hex color 8B281B.



This preview shows how white text looks on a background with the Hex color 8B281B.

# 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**  
8B281B

**Protanopia**  
554D25

**Deuteranopia**  
604912



**Tritanopia**  
8B2628

# Trichromacy



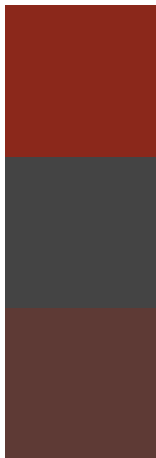
**Original Color**  
8B281B

**Protanomaly**  
694021

**Deuteranomaly**  
703D15

**Tritanomaly**  
8B2723

# Monochromacy



**Original Color**  
8B281B

**Achromatopsia**  
444444

**Achromatomaly**  
5E3A35

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B281B 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 #8B281B looks like.

```
.text, #text, p{  
    color:#8B281B  
}
```

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 #8B281B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B281B
}
```

## Border

The CSS property to change the border of an element to Hex 8B281B is called "border". The border property can be set on classes, ids or directly on the HTML element.

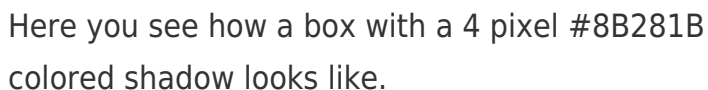
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B281B }
```

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

```
.border{ border-color:#8B281B }
```

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



Here you see how a box with a 4 pixel #8B281B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B281B; -webkit-box-shadow:4px 4px  
4px 4px #8B281B; box-shadow:4px 4px 4px  
4px #8B281B }
```

# Background

The CSS property to change the background color of an element to Hex 8B281B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B281B }
```

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

```
.background{ background-color:#8B281B }
```

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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