

# Converting Colors

Hex(4C251B)

Have a look what the booklet for  
Hex(4C251B) contains.

<b>Hex(4C251B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(4C251B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C251B
RGB	76, 37, 27
RGB Percent	30%, 15%, 11%
CMY	0.7020, 0.8549, 0.8941
CMYK	0.00, 0.51, 0.64, 0.70
HSL	12°, 48%, 20%
HSV	12°, 64%, 30%
XYZ	3.8399, 2.9388, 1.4018
YIQ	47.5210, 26.4540, 5.1580

# Conversions

## Conversions Part 2

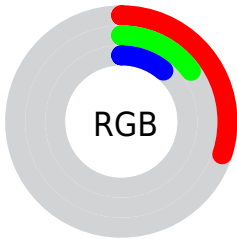
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 40, 27
Decimal	4990235
CIELab	19.80, 17.27, 14.84
CIElCh	20, 22.772, 40.684
Yxy	2.9388, 0.4694, 0.3592
Android (android.graphics.Color)	4283180315 (0xFF4C251B)
YUV	47.5210, -10.1169, 24.9761
Hunter-Lab	17.1428, 9.9829, 7.1519

# Details

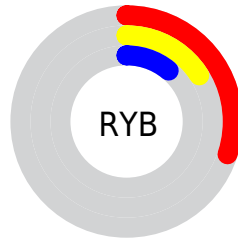
The Hex color **4C251B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1B424C**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **805346**, and **1E0001** is the 20% darker color. If you saturate the color by 10%, you get **4C1F13**, and if you desaturate by 10%, it is **4C2B23**.

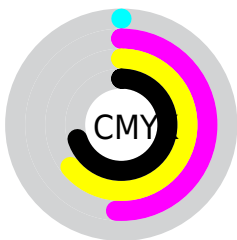
# Distribution



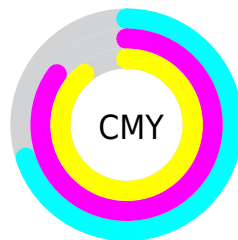
- Red (30%)
- Green (15%)
- Blue (11%)



- Red (30%)
- Yellow (16%)
- Blue (11%)



- Cyan (0%)
- Magenta (51%)
- Yellow (64%)
- Black (70%)



- Cyan (70%)
- Magenta (85%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C251B 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 4C251B by changing the saturation by 10% instead.





4C251B



4C251B

FFFFFF



341001



805346



1E0001



9B6B5E



000000



B68477



D29F91



EFBAAB



FFD5C6



FFF2E2



4C251B



4C251B

■ 4C1F13

■ 4C2B23

■ 4C190C

■ 4C312A

■ 4C1304

■ 4C3732

■ 4C1000

■ 4C3D39

■ 4C4341

■ 4C4949

■ 4C4F50

■ 4C5558

■ 4C5B5F

# Harmonies

## Analogous

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



4F212B



4C251B



422B10

# Triad

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



4C251B



063724



1D3051

# Complementary

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



4C251B



1B424C

# 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.



00354F



4C251B



003835

# Square

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



4C251B



223516



003745



392949

# Rectangle

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



4C251B



392F0D



003745



0F3251



# Sweetspot

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



4C251B



635451



4C1B42



332A27



B3B3B3



333333



# Same Dimension

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



4C251B



632717



4C3D1B



262322



661500



E62F00



# Inverse Universe

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



1B424C



175463



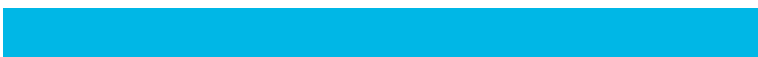
1B2A4C



222526



005166

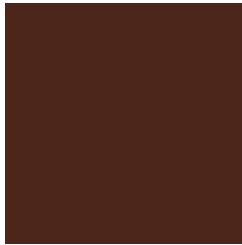


00B7E6



# Previews

## White Background



This preview shows how the Hex color 4C251B looks on a white background.

## Color Contrast Check

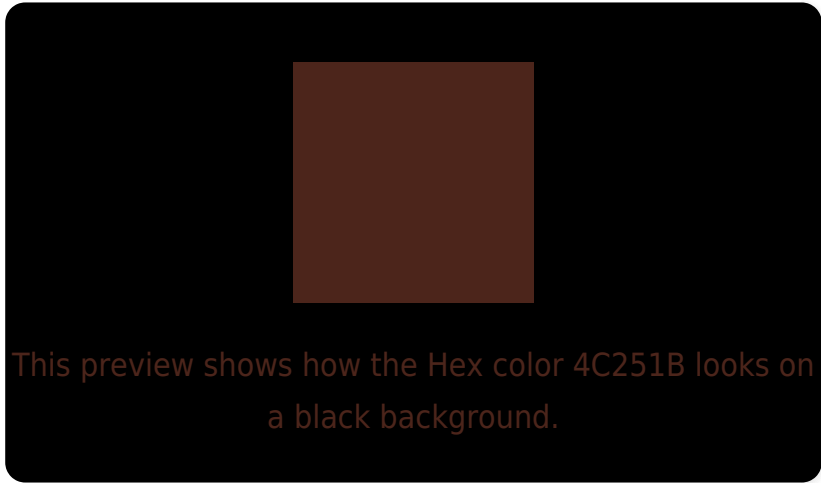
Large Text (above 18pt) WCAG AA ✓ Pass

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

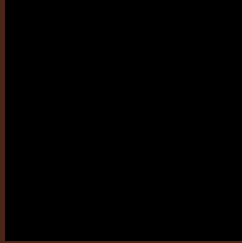
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C251B Background



This preview shows how black text looks on a background with the Hex color 4C251B.

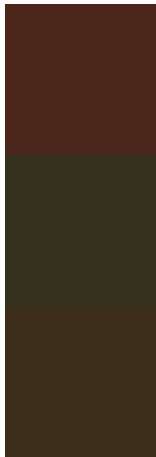


This preview shows how white text looks on a background with the Hex color 4C251B.

# 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**  
4C251B

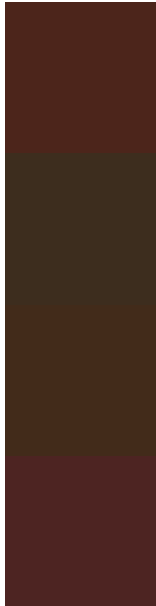
**Protanopia**  
35311F

**Deuteranopia**  
3C2E19



**Tritanopia**  
4D2426

# Trichromacy



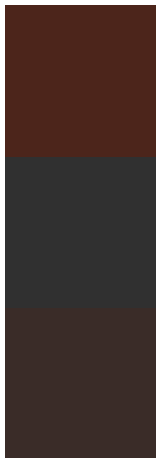
**Original Color**  
4C251B

**Protanomaly**  
3D2D1E

**Deuteranomaly**  
422B1A

**Tritanomaly**  
4D2422

# Monochromacy



**Original Color**  
4C251B

**Achromatopsia**  
303030

**Achromatomaly**  
3A2C28

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C251B 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 #4C251B looks like.

```
.text, #text, p{  
    color:#4C251B  
}
```

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 #4C251B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C251B
}
```

## Border

The CSS property to change the border of an element to Hex 4C251B 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
#4C251B }
```

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

```
.border{ border-color:#4C251B }
```

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

Here you see how a box with a 4 pixel #4C251B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C251B; -webkit-box-shadow:4px 4px  
4px 4px #4C251B; box-shadow:4px 4px 4px  
4px #4C251B }
```

# Background

The CSS property to change the background color of an element to Hex 4C251B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C251B }
```

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

```
.background{ background-color:#4C251B }
```

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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