

Converting Colors

Hex(4B251B)

Have a look what the booklet for
Hex(4B251B) contains.

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Color

Hex(4B251B)

Conversions

Conversions Part 1

Format	Color
Hex	4B251B
RGB	75, 37, 27
RGB Percent	29%, 15%, 11%
CMY	0.7059, 0.8549, 0.8941
CMYK	0.00, 0.51, 0.64, 0.71
HSL	13°, 47%, 20%
HSV	13°, 64%, 29%
XYZ	3.7610, 2.8981, 1.3981
YIQ	47.2220, 25.8580, 4.9460

Conversions

Conversions Part 2

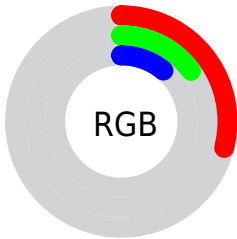
Format	Color
R_YB	75, 40, 27
Decimal	4924699
CIE Lab	19.63, 16.80, 14.60
CIE LCh	20, 22.258, 40.991
Yxy	2.8981, 0.4668, 0.3597
Android (android.graphics.Color)	4283114779 (0xFF4B251B)
YUV	47.2220, -9.9694, 24.3613
Hunter-Lab	17.0239, 9.6438, 7.0476

Details

The Hex color **4B251B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1B414B**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **7E5346**, and **1D0001** is the 20% darker color. If you saturate the color by 10%, you get **4B1F14**, and if you desaturate by 10%, it is **4B2B23**.

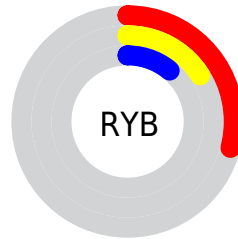
Distribution



Red (29%)

Green (15%)

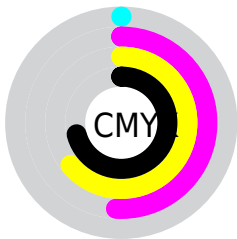
Blue (11%)



Red (29%)

Yellow (16%)

Blue (11%)

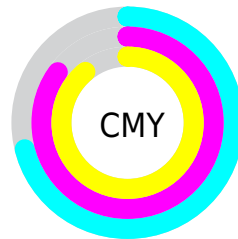


Cyan (0%)

Magenta (51%)

Yellow (64%)

Black (71%)



Cyan (71%)

Magenta (85%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B251B 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 4B251B by changing the saturation by 10% instead.

 4B251B

 4B251B

FFFFFF

 331001

 7E5346

 1D0001

 996B5E

 000000

 B58477

 D19F91

 EEBAAB

 FFD5C6

 FFF2E2

 4B251B

 4B251B

■ 4B1F14

■ 4B2B23

■ 4B190C

■ 4B312A

■ 4B1305

■ 4B3731

■ 4B1000

■ 4B3D39

■ 4B4341

■ 4B4948

■ 4B4F50

■ 4B5557

■ 4B5A5F

Harmonies

Analogous

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



4E222A



4B251B



412B10

Triad

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



4B251B



073724



1E2F4F

Complementary

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



4B251B



1B414B

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.



00344E



4B251B



003835

Square

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



4B251B



213516



003744



382948

Rectangle

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



4B251B



382F0D



003744



113150

Sweetspot

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



4B251B



61524E



4B1B41



302825



B0B0B0



303030

Same Dimension

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



4B251B



612616



4B3D1B



262322



661500



E63000

Inverse Universe

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



1B414B



165161



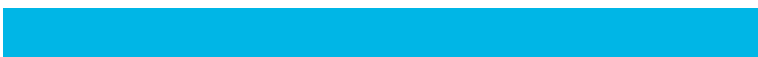
1B294B



222526



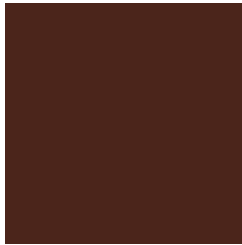
005166



00B6E6

Previews

White Background



This preview shows how the Hex color 4B251B looks on a white background.

Color Contrast Check

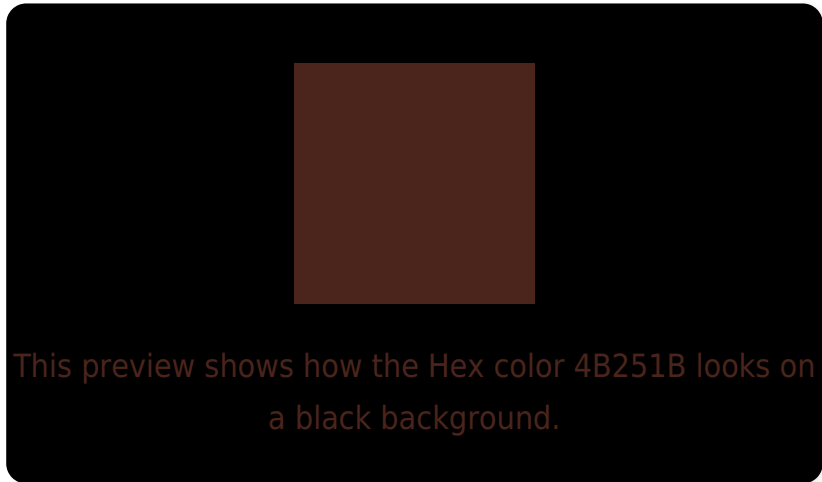
Large Text (above 18pt) WCAG AA ✓ Pass

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

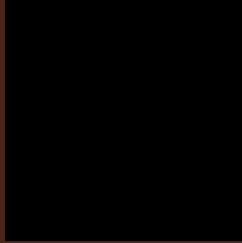
Any Text WCAG AA × Fail

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 4B251B Background



This preview shows how black text looks on a background with the Hex color 4B251B.

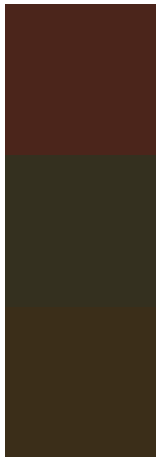


This preview shows how white text looks on a background with the Hex color 4B251B.

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
4B251B

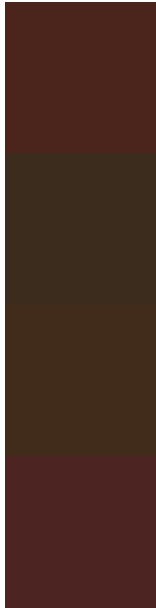
Protanopia
34301F

Deuteranopia
3B2E19



Tritanopia
4C2426

Trichromacy



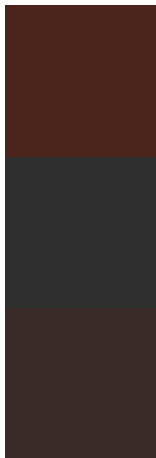
Original Color
4B251B

Protanomaly
3C2C1E

Deuteranomaly
412B1A

Tritanomaly
4C2422

Monochromacy



Original Color
4B251B

Achromatopsia
2F2F2F

Achromatomaly
392B28

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B251B 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 #4B251B looks like.

```
.text, #text, p{  
    color:#4B251B  
}
```

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 #4B251B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B251B
}
```

Border

The CSS property to change the border of an element to Hex 4B251B 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
#4B251B }
```

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

```
.border{ border-color:#4B251B }
```

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

Here you see how a box with a 4 pixel #4B251B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B251B; -webkit-box-shadow:4px 4px  
4px 4px #4B251B; box-shadow:4px 4px 4px  
4px #4B251B }
```

Background

The CSS property to change the background color of an element to Hex 4B251B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B251B }
```

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

```
.background{ background-color:#4B251B }
```

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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