

Converting Colors

Hex(48451C)

Have a look what the booklet for
Hex(48451C) contains.

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Color

Hex(48451C)

Conversions

Conversions Part 1

Format	Color
Hex	48451C
RGB	72, 69, 28
RGB Percent	28%, 27%, 11%
CMY	0.7176, 0.7294, 0.8902
CMYK	0.00, 0.04, 0.61, 0.72
HSL	56°, 44%, 20%
HSV	56°, 61%, 28%
XYZ	5.0102, 5.7178, 1.9382
YIQ	65.2230, 14.9490, -12.1150

Conversions

Conversions Part 2

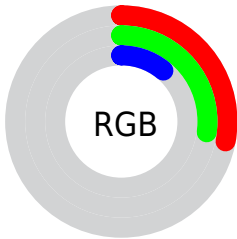
Format	Color
RYB	31, 72, 28
Decimal	4736284
CIELab	28.69, -5.15, 24.83
CIELCh	29, 25.358, 101.719
Yxy	5.7178, 0.3956, 0.4514
Android (android.graphics.Color)	4282926364 (0xFF48451C)
YUV	65.2230, -18.3509, 5.9434
Hunter-Lab	23.9119, -4.4452, 11.9326

Details

The Hex color **48451C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1C1F48**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7A7549**, and **1B1A00** is the 20% darker color. If you saturate the color by 10%, you get **484515**, and if you desaturate by 10%, it is **484523**.

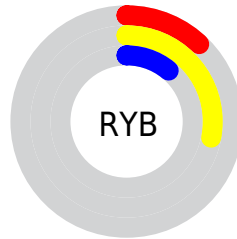
Distribution



Red (28%)

Green (27%)

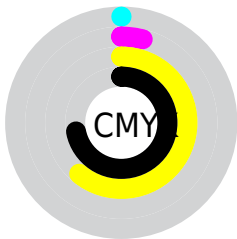
Blue (11%)



Red (12%)

Yellow (28%)

Blue (11%)

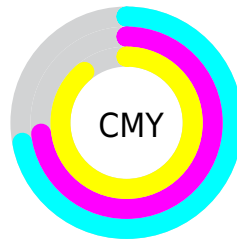


Cyan (0%)

Magenta (4%)

Yellow (61%)

Black (72%)



Cyan (72%)

Magenta (73%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48451C 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 48451C by changing the saturation by 10% instead.



48451C



48451C

FFFFFF



312F04



7A7549



1B1A00



948F61



000000



AFA97B



CBC495



E7E0AF



FFFDCB



FFFFE7



48451C



48451C

■ 484515

■ 484523

■ 48440E

■ 48462A

■ 484406

■ 484632

■ 484300

■ 484739

■ 484740

■ 484847

■ 48484E

■ 484956

■ 48495D

Harmonies

Analogous

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



593E1E



48451C



334A25

Triad

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



48451C



004D5D



623550

Complementary

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



48451C



1C1F48

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.



4F3C61



48451C



004968

Square

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



48451C



004E4B



31436A



69333D

Rectangle

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



48451C



214C30



31436A



5D3757

Sweetspot

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



48451C



5E5D4D



481C20



303026



B0B0B0



303030

Same Dimension

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



48451C



5E5A19



36481C



242320



635D00



E3D300

Inverse Universe

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



1C1F48



191E5E



2E1C48



202024



000763



000FE3

Previews

White Background



This preview shows how the Hex color 48451C looks on a white background.

Color Contrast Check

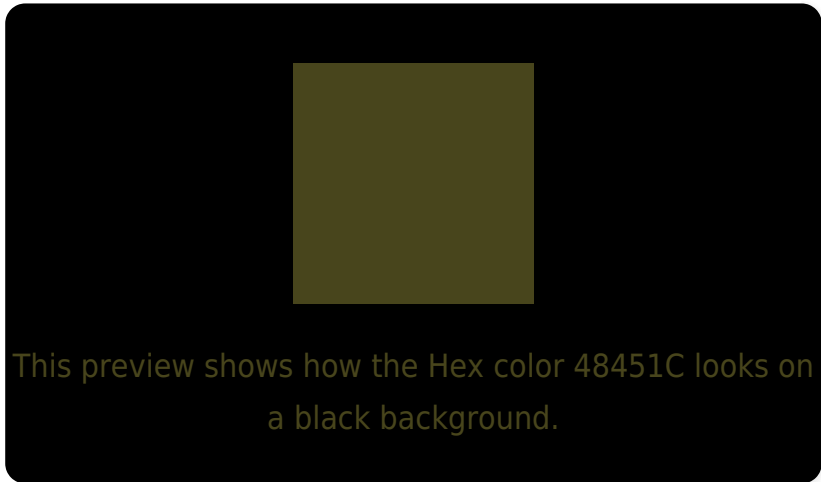
Large Text (above 18pt) WCAG AA ✓ Pass

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

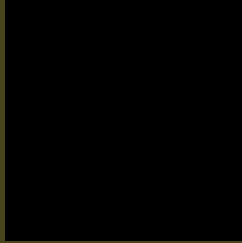
Any Text WCAG AA × Fail

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 48451C Background



This preview shows how black text looks on a background with the Hex color 48451C.



This preview shows how white text looks on a background with the Hex color 48451C.

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](#).

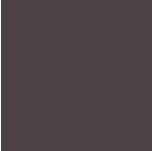
Dichromacy



Original Color
48451C

Protanopia
4B441C

Deuteranopia
54401D



Tritanopia
4C4146

Trichromacy



Original Color
48451C

Protanomaly
4A441C

Deuteranomaly
50421D

Tritanomaly
4B4237

Monochromacy



Original Color
48451C

Achromatopsia
414141

Achromatomaly
444234

CSS Examples

Text

The CSS property to change the color of the text to Hex 48451C 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 #48451C looks like.

```
.text, #text, p{  
    color:#48451C  
}
```

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 #48451C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48451C
}
```

Border

The CSS property to change the border of an element to Hex 48451C 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".

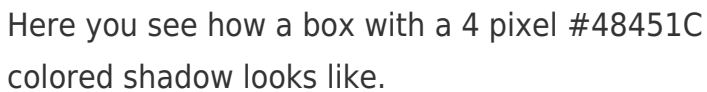
```
.border, #border, table{ border:4px solid
#48451C }
```

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

```
.border{ border-color:#48451C }
```

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

Here you see how a box with a 4 pixel #48451C colored shadow looks like.

A rectangular box with a dark brown border and a dark brown shadow. The box is white with a thin dark brown border. Below the box, there is a thick dark brown horizontal bar. The shadow is cast to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48451C; -webkit-box-shadow:4px 4px  
4px 4px #48451C; box-shadow:4px 4px 4px  
4px #48451C }
```

Background

The CSS property to change the background color of an element to Hex 48451C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48451C }
```

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

```
.background{ background-color:#48451C }
```

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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