

Converting Colors

Hex(48431B)

Have a look what the booklet for
Hex(48431B) contains.

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Color

Hex(48431B)

Conversions

Conversions Part 1

Format	Color
Hex	48431B
RGB	72, 67, 27
RGB Percent	28%, 26%, 11%
CMY	0.7176, 0.7373, 0.8941
CMYK	0.00, 0.07, 0.63, 0.72
HSL	53°, 45%, 19%
HSV	53°, 62%, 28%
XYZ	4.8775, 5.4712, 1.8359
YIQ	63.9350, 15.8200, -11.3800

Conversions

Conversions Part 2

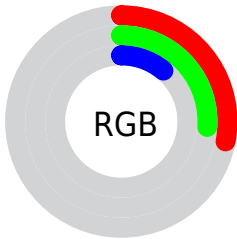
Format	Color
R_{YB}	33, 72, 27
Decimal	4735771
CIE Lab	28.04, -4.01, 24.64
CIE LCh	28, 24.965, 99.244
Yxy	5.4712, 0.4003, 0.4490
Android (android.graphics.Color)	4282925851 (0xFF48431B)
YUV	63.9350, -18.2090, 7.0730
Hunter-Lab	23.3905, -3.7119, 11.7198

Details

The Hex color **48431B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1B2048**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7A7348**, and **1A1900** is the 20% darker color. If you saturate the color by 10%, you get **484214**, and if you desaturate by 10%, it is **484422**.

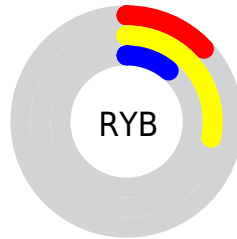
Distribution



 Red (28%)

 Green (26%)

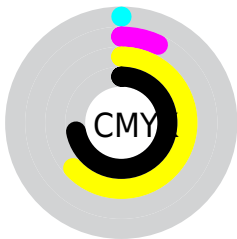
 Blue (11%)



 Red (13%)

 Yellow (28%)

 Blue (11%)

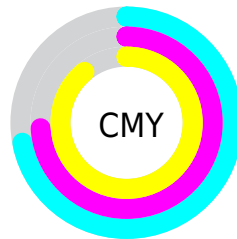


 Cyan (0%)

 Magenta (7%)

 Yellow (63%)

 Black (72%)



 Cyan (72%)

 Magenta (74%)

 Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48431B 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 48431B by changing the saturation by 10% instead.



48431B



48431B

FFFFFF



312D03



7A7348



1A1900



948C60



000000



AFA779



CBC293



E7DEAE



FFFAC9



FFFFE6



48431B



48431B

■ 484214

■ 484422

■ 48410D

■ 484529

■ 484105

■ 484531

■ 484000

■ 484638

■ 48473F

■ 484846

■ 48494D

■ 484955

■ 484A5C

Harmonies

Analogous

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



593C1E



48431B



334823

Triad

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



48431B



004B5A



5F3450

Complementary

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



48431B



1B2048

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.



4C3B60



48431B



004866

Square

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



48431B



004C48



2D4268



66323D

Rectangle

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



48431B



224A2E



2D4268



593656

Sweetspot

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



48431B



5E5C4C



481B20



302F25



B0B0B0



303030

Same Dimension

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



48431B



5E5618



37481B



242320



635800



E3CA00

Inverse Universe

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



1B2048



181F5E



2C1B48



202124



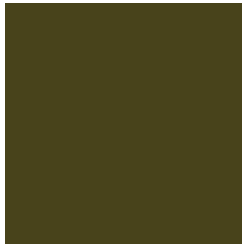
000B63



0019E3

Previews

White Background



This preview shows how the Hex color 48431B looks on a white background.

Color Contrast Check

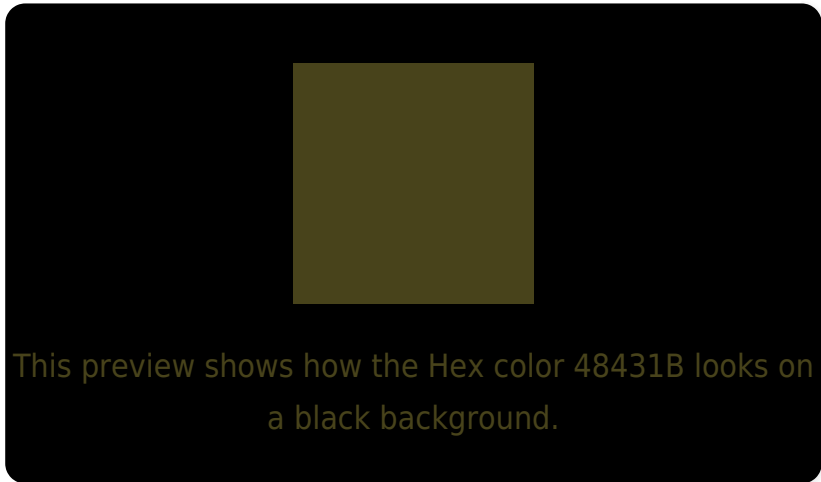
Large Text (above 18pt) WCAG AA ✓ Pass

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

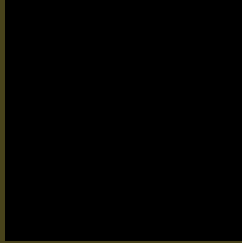
Any Text WCAG AA × Fail

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 48431B Background



This preview shows how black text looks on a background with the Hex color 48431B.

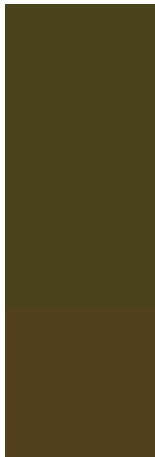


This preview shows how white text looks on a background with the Hex color 48431B.

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
48431B

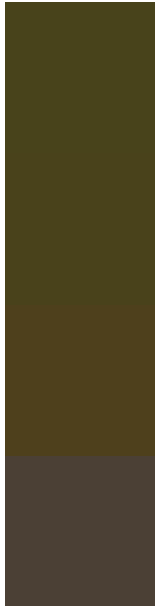
Protanopia
4A21B

Deuteranopia
523F1C



Tritanopia
4C3F44

Trichromacy



Original Color
48431B

Protanomaly
49421B

Deuteranomaly
4E401C

Tritanomaly
4B4035

Monochromacy



Original Color
48431B

Achromatopsia
404040

Achromatomaly
434133

CSS Examples

Text

The CSS property to change the color of the text to Hex 48431B 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 #48431B looks like.

```
.text, #text, p{  
    color:#48431B  
}
```

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 #48431B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48431B
}
```

Border

The CSS property to change the border of an element to Hex 48431B is called "border". The border property can be set on classes, ids or directly on the HTML element.

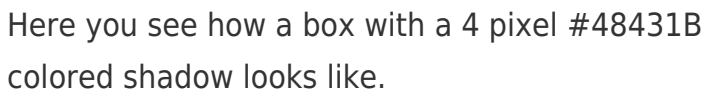
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48431B }
```

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

```
.border{ border-color:#48431B }
```

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



Here you see how a box with a 4 pixel #48431B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48431B; -webkit-box-shadow:4px 4px  
4px 4px #48431B; box-shadow:4px 4px 4px  
4px #48431B }
```

Background

The CSS property to change the background color of an element to Hex 48431B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48431B }
```

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

```
.background{ background-color:#48431B }
```

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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