

# Converting Colors

Hex(4B431A)

Have a look what the booklet for  
Hex(4B431A) contains.

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# Color

**Hex(4B431A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B431A
RGB	75, 67, 26
RGB Percent	29%, 26%, 10%
CMY	0.7059, 0.7373, 0.8980
CMYK	0.00, 0.11, 0.65, 0.71
HSL	50°, 49%, 20%
HSV	50°, 65%, 29%
XYZ	5.0953, 5.5847, 1.7867
YIQ	64.7180, 17.9290, -11.0550

# Conversions

## Conversions Part 2

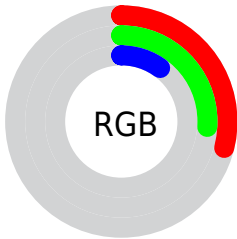
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 75, 26
Decimal	4932378
CIELab	28.34, -2.59, 25.62
CIELCh	28, 25.755, 95.771
Yxy	5.5847, 0.4087, 0.4480
Android (android.graphics.Color)	4283122458 (0xFF4B431A)
YUV	64.7180, -19.0880, 9.0173
Hunter-Lab	23.6321, -2.8701, 12.0598

# Details


The Hex color **4B431A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1A224B**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7D7347**, and **1D1900** is the 20% darker color. If you saturate the color by 10%, you get **4B4213**, and if you desaturate by 10%, it is **4B4422**.

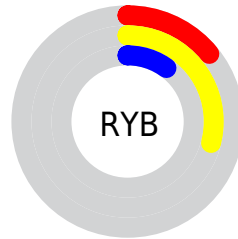
# Distribution



 Red (29%)

 Green (26%)

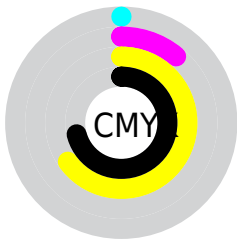
 Blue (10%)




 Red (14%)

 Yellow (29%)

 Blue (10%)

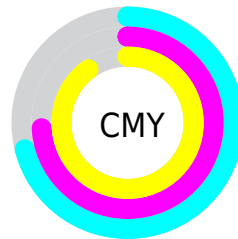


 Cyan (0%)

 Magenta (11%)

 Yellow (65%)

 Black (71%)



 Cyan (71%)

 Magenta (74%)

 Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B431A 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 4B431A by changing the saturation by 10% instead.





4B431A



4B431A

FFFFFF



342D01



7D7347



1D1900



988C5F



000000



B3A778



CFC292



ECDEAD



FFFAC8



FFFFE5



4B431A



4B431A

■ 4B4213

■ 4B4422

■ 4B410B

■ 4B4529

■ 4B3F04

■ 4B4731

■ 4B3F00

■ 4B4838

■ 4B4940

■ 4B4A47

■ 4B4C4F

■ 4B4D56

■ 4B4E5E

# Harmonies

## Analogous

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



5C3C1F



4B431A



364821

# Triad

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



4B431A



004C59



5E3554

# Complementary

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



4B431A



1A224B

# 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.



493C63



4B431A



004967

# Square

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



4B431A



004D46



28446A



683240

# Rectangle

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



4B431A



254B2C



28446A



593759



# Sweetspot

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



4B431A



615E4E



4B1A22



302F25



B0B0B0



303030



# Same Dimension

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



4B431A



615515



3B4B1A



262622



665500



E6C000



# Inverse Universe

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



1A224B



152261



2A1A4B



222326



001166



0025E6



# Previews

## White Background



This preview shows how the Hex color 4B431A looks on a white background.

## Color Contrast Check

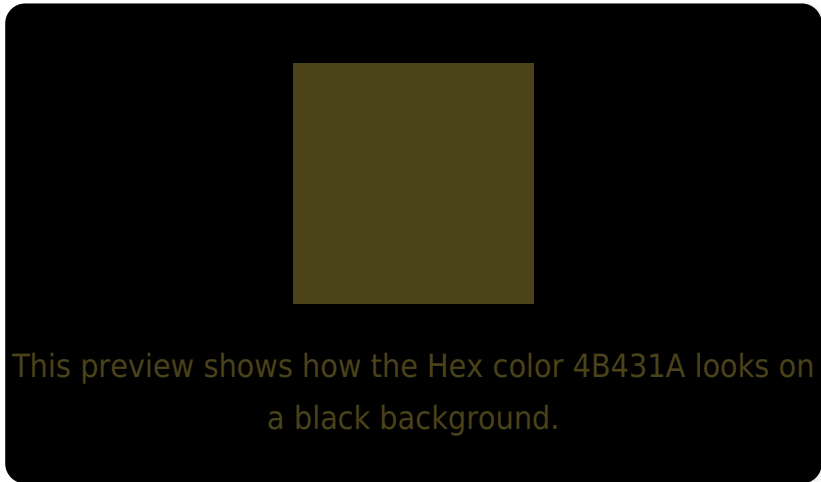
Large Text (above 18pt) WCAG AA ✓ Pass

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

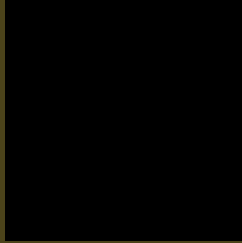
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B431A Background



This preview shows how black text looks on a background with the Hex color 4B431A.



This preview shows how white text looks on a background with the Hex color 4B431A.

# 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**  
4B431A

**Protanopia**  
4B431A

**Deuteranopia**  
53401B



**Tritanopia**  
4E3F44

# Trichromacy



**Original Color**  
4B431A

**Protanomaly**  
4B431A

**Deuteranomaly**  
50411B

**Tritanomaly**  
4D4035

# Monochromacy



**Original Color**  
4B431A

**Achromatopsia**  
414141

**Achromatomaly**  
454233

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B431A 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 #4B431A looks like.

```
.text, #text, p{  
    color:#4B431A  
}
```

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 #4B431A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B431A
}
```

## Border

The CSS property to change the border of an element to Hex 4B431A 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
#4B431A }
```

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

```
.border{ border-color:#4B431A }
```

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

Here you see how a box with a 4 pixel #4B431A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B431A; -webkit-box-shadow:4px 4px  
4px 4px #4B431A; box-shadow:4px 4px 4px  
4px #4B431A }
```

# Background

The CSS property to change the background color of an element to Hex 4B431A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B431A }
```

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

```
.background{ background-color:#4B431A }
```

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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