

# Converting Colors

Hex(4B4D1C)

Have a look what the booklet for  
Hex(4B4D1C) contains.

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# Color

Hex(4B4D1C)

# Conversions

## Conversions Part 1

Format	Color
Hex	4B4D1C
RGB	75, 77, 28
RGB Percent	29%, 30%, 11%
CMY	0.7059, 0.6980, 0.8902
CMYK	0.03, 0.00, 0.64, 0.70
HSL	62°, 47%, 21%
HSV	62°, 64%, 30%
XYZ	5.7651, 6.8875, 2.1242
YIQ	70.8160, 14.5370, -15.6630

# Conversions

## Conversions Part 2

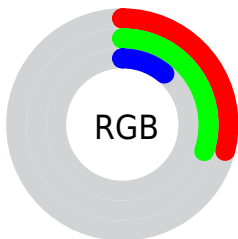
Format	Color
<a href="#">RYB</a>	<a href="#">28, 77, 30</a>
Decimal	<a href="#">4934940</a>
CIELab	<a href="#">31.55, -8.50, 28.14</a>
CIElCh	<a href="#">32, 29.397, 106.807</a>
Yxy	<a href="#">6.8875, 0.3901, 0.4661</a>
Android (android.graphics.Color)	<a href="#">4283125020 (0xFF4B4D1C)</a>
YUV	<a href="#">70.8160, -21.1083, 3.6694</a>
Hunter-Lab	<a href="#">26.2440, -6.7150, 13.5719</a>

# Details

The Hex color **4B4D1C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1E1C4D**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7D7E4A**, and **1D2100** is the 20% darker color. If you saturate the color by 10%, you get **4B4D14**, and if you desaturate by 10%, it is **4B4D24**.

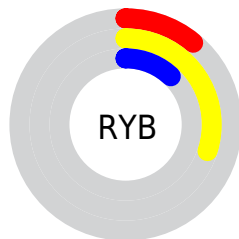
# Distribution



Red (29%)

Green (30%)

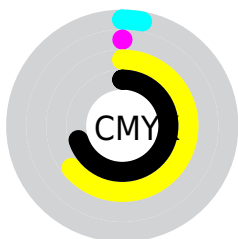
Blue (11%)



Red (11%)

Yellow (30%)

Blue (12%)

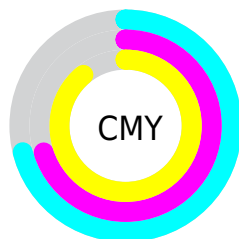


Cyan (3%)

Magenta (0%)

Yellow (64%)

Black (70%)



Cyan (71%)

Magenta (70%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B4D1C 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 4B4D1C by changing the saturation by 10% instead.



 4B4D1C

 4B4D1C

FFFFFF

 333604

 7D7E4A

 1D2100

 989862

 000B00

 B3B27C

 000000

 CFCE96

 EBEAB1

 FFFFCC

 FFFF8

 4B4D1C

 4B4D1C

■ 4B4D14

■ 4B4D24

■ 4A4D0D

■ 4C4D2B

■ 4A4D05

■ 4C4D33

■ 4A4D00

■ 4C4D3B

■ 4D4D42

■ 4D4D4A

■ 4D4D52

■ 4E4D5A

■ 4E4D61

# Harmonies

## Analogous

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



60451C



4B4D1C



315229

# Triad

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



4B4D1C



00546B



703855

# Complementary

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



4B4D1C



1E1C4D

# 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.



5C3F6A



4B4D1C



005077

# Square

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



4B4D1C



005657



3B4876



75373E

# Rectangle

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



4B4D1C



185437



3B4876



6B3A5D



# Sweetspot

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



4B4D1C



636351



4D1E1C



333327



B3B3B3



333333



# Same Dimension

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



4B4D1C



606318



334D1C



262622



626600



DCE600



# Inverse Universe

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



1E1C4D



1B1863



361C4D



232226



040066



0900E6



# Previews

## White Background



This preview shows how the Hex color 4B4D1C looks on a white background.

## Color Contrast Check

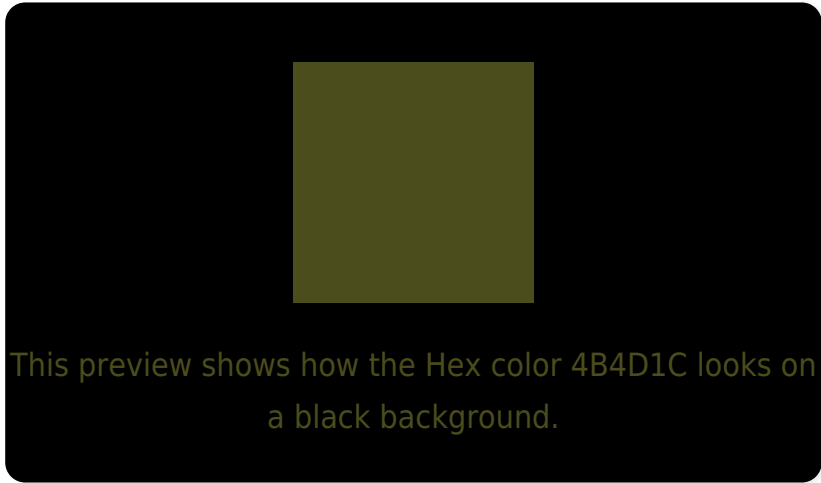
Large Text (above 18pt) WCAG AA ✓ Pass

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

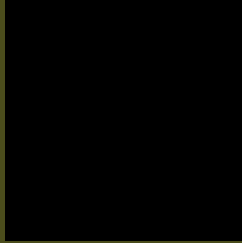
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B4D1C Background



This preview shows how black text looks on a background with the Hex color 4B4D1C.



This preview shows how white text looks on a background with the Hex color 4B4D1C.

# 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**  
4B4D1C

**Protanopia**  
534A1B

**Deuteranopia**  
5C471E



**Tritanopia**  
50484E

# Trichromacy



**Original Color**  
4B4D1C

**Protanomaly**  
504B1B

**Deuteranomaly**  
56491D

**Tritanomaly**  
4E4A3C

# Monochromacy



**Original Color**  
4B4D1C

**Achromatopsia**  
474747

**Achromatomaly**  
484937

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B4D1C 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 #4B4D1C looks like.

```
.text, #text, p{  
    color:#4B4D1C  
}
```

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 #4B4D1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4D1C
}
```

## Border

The CSS property to change the border of an element to Hex 4B4D1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

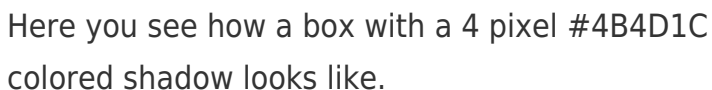
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B4D1C }
```

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

```
.border{ border-color:#4B4D1C }
```

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



Here you see how a box with a 4 pixel #4B4D1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4D1C; -webkit-box-shadow:4px 4px  
4px 4px #4B4D1C; box-shadow:4px 4px 4px  
4px #4B4D1C }
```

# Background

The CSS property to change the background color of an element to Hex 4B4D1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4D1C }
```

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

```
.background{ background-color:#4B4D1C }
```

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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