

# Converting Colors

Hex(4C4D1B)

Have a look what the booklet for  
Hex(4C4D1B) contains.

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**Color**

**Hex(4C4D1B)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 4C4D1B                     |
| RGB         | 76, 77, 27                 |
| RGB Percent | 30%, 30%, 11%              |
| CMY         | 0.7020, 0.6980, 0.8941     |
| CMYK        | 0.01, 0.00, 0.65, 0.70     |
| HSL         | 61°, 48%, 20%              |
| HSV         | 61°, 65%, 30%              |
| XYZ         | 5.8322, 6.9234, 2.0659     |
| YIQ         | 71.0010, 15.4540, -15.7620 |

# Conversions

## Conversions Part 2

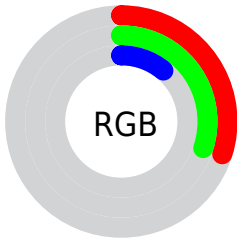
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">27, 77, 28</a>                    |
| Decimal                             | <a href="#">5000475</a>                       |
| CIELab                              | <a href="#">31.63, -8.10, 28.78</a>           |
| CIElCh                              | <a href="#">32, 29.898, 105.713</a>           |
| Yxy                                 | <a href="#">6.9234, 0.3935,<br/>0.4671</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4283190555<br/>(0xFF4C4D1B)</a>   |
| YUV                                 | <a href="#">71.0010, -21.6925,<br/>4.3841</a> |
| Hunter-Lab                          | <a href="#">26.3123, -6.4816,<br/>13.7636</a> |

# Details

The Hex color **4C4D1B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1C1B4D**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7E7E49**, and **1E2100** is the 20% darker color. If you saturate the color by 10%, you get **4C4D13**, and if you desaturate by 10%, it is **4C4D23**.

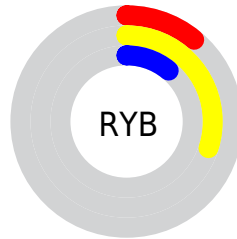
# Distribution



Red (30%)

Green (30%)

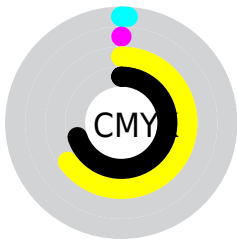
Blue (11%)



Red (11%)

Yellow (30%)

Blue (11%)

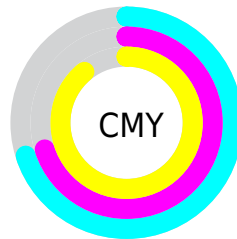


Cyan (1%)

Magenta (0%)

Yellow (65%)

Black (70%)



Cyan (70%)

Magenta (70%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C4D1B 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 4C4D1B by changing the saturation by 10% instead.





4C4D1B



4C4D1B

FFFFFF



343603



7E7E49



1E2100



999861



000B00



B4B27B



000000



D0CE95



EDEAB0



FFFFCB



FFFFE7



4C4D1B



4C4D1B

■ 4C4D13

■ 4C4D23

■ 4C4D0C

■ 4C4D2A

■ 4C4D04

■ 4C4D32

■ 4B4D00

■ 4D4D3A

■ 4D4D42

■ 4D4D49

■ 4D4D51

■ 4D4D59

■ 4D4D60

# Harmonies

## Analogous

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



61451C



4C4D1B



315228

# Triad

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



4C4D1B



00556B



703857

# Complementary

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



4C4D1B



1C1B4D

# 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.



5C3F6B



4C4D1B



005078

# Square

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



4C4D1B



005656



394978



76373F

# Rectangle

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



4C4D1B



195536



394978



6B3A5E



# Sweetspot

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



4C4D1B



636351



4D1C1B



333327



B3B3B3



333333



# Same Dimension

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



4C4D1B



626316



334D1B



262622



646600



E1E600



# Inverse Universe

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



1C1B4D



171663



351B4D



232226



020066



0500E6



# Previews

## White Background



This preview shows how the Hex color 4C4D1B looks on a white background.

## Color Contrast Check

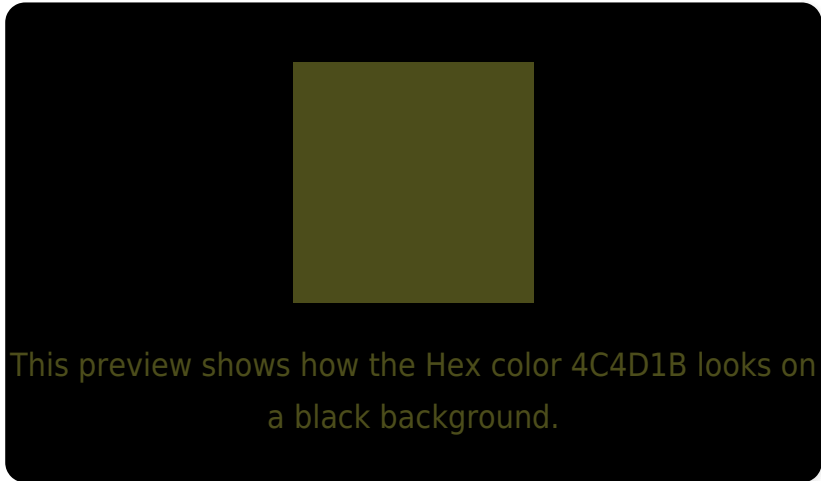
Large Text (above 18pt) WCAG AA ✓ Pass

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

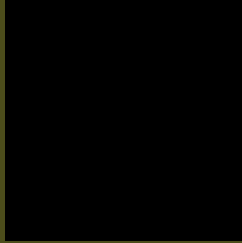
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C4D1B Background



This preview shows how black text looks on a background with the Hex color 4C4D1B.



This preview shows how white text looks on a background with the Hex color 4C4D1B.

# 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**  
4C4D1B

**Protanopia**  
534B1A

**Deuteranopia**  
5D471D



**Tritanopia**  
51484E

# Trichromacy



**Original Color**  
4C4D1B

**Protanomaly**  
504C1A

**Deuteranomaly**  
57491C

**Tritanomaly**  
4F4A3B

# Monochromacy



**Original Color**  
4C4D1B

**Achromatopsia**  
474747

**Achromatomaly**  
494937

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C4D1B 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 #4C4D1B looks like.

```
.text, #text, p{  
    color:#4C4D1B  
}
```

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 #4C4D1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4D1B
}
```

## Border

The CSS property to change the border of an element to Hex 4C4D1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

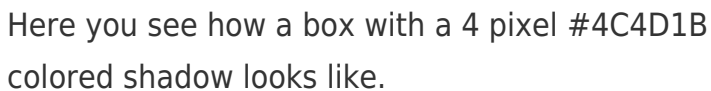
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C4D1B }
```

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

```
.border{ border-color:#4C4D1B }
```

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



Here you see how a box with a 4 pixel #4C4D1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4D1B; -webkit-box-shadow:4px 4px  
4px 4px #4C4D1B; box-shadow:4px 4px 4px  
4px #4C4D1B }
```

# Background

The CSS property to change the background color of an element to Hex 4C4D1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4D1B }
```

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

```
.background{ background-color:#4C4D1B }
```

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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