

# Converting Colors

Hex(474B1B)

Have a look what the booklet for  
Hex(474B1B) contains.

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# Color

**Hex(474B1B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	474B1B
RGB	71, 75, 27
RGB Percent	28%, 29%, 11%
CMY	0.7216, 0.7059, 0.8941
CMYK	0.05, 0.00, 0.64, 0.71
HSL	65°, 47%, 20%
HSV	65°, 64%, 29%
XYZ	5.3124, 6.4509, 2.0021
YIQ	68.3320, 13.0240, -15.7760

# Conversions

## Conversions Part 2

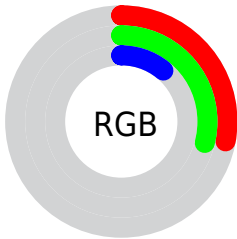
<b>Format</b>	<b>Color</b>
<b>RYB</b>	27, 75, 31
Decimal	4672283
CIELab	30.52, -9.36, 27.42
CIELCh	31, 28.976, 108.841
Yxy	6.4509, 0.3859, 0.4686
Android (android.graphics.Color)	4282862363 (0xFF474B1B)
YUV	68.3320, -20.3767, 2.3398
Hunter-Lab	25.3986, -7.1119, 13.1054

# Details

The Hex color **474B1B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1F1B4B**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **797C49**, and **1A1F00** is the 20% darker color. If you saturate the color by 10%, you get **464B14**, and if you desaturate by 10%, it is **484B23**.

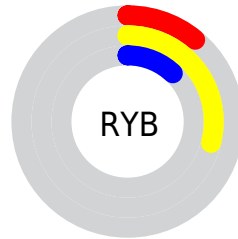
# Distribution



Red (28%)

Green (29%)

Blue (11%)



Red (11%)

Yellow (29%)

Blue (12%)

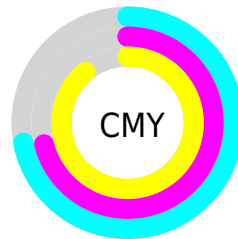


Cyan (5%)

Magenta (0%)

Yellow (64%)

Black (71%)



Cyan (72%)

Magenta (71%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 474B1B 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 474B1B by changing the saturation by 10% instead.





474B1B



474B1B

FFFFFF



303403



797C49



1A1F00



939561



000400



AEB07A



000000



CACB94



E6E8AF



FFFFCB



FFFFE7



474B1B



474B1B

■ 464B14

■ 484B23

■ 464B0C

■ 484B2A

■ 454B05

■ 494B31

■ 454B00

■ 4A4B39

■ 4A4B41

■ 4B4B48

■ 4B4B50

■ 4C4B57

■ 4D4B5F

# Harmonies

## Analogous

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



5C441A



474B1B



2D5029

# Triad

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



474B1B



005169



6D3551

# Complementary

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



474B1B



1F1B4B

# 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.



5B3C66



474B1B



004D74

# Square

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



474B1B



005356



3B4573



72353B

# Rectangle

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



474B1B



135237



3B4573



693759



# Sweetspot

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



474B1B



5F614E



4B1F1B



303025



B0B0B0



303030



# Same Dimension

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



474B1B



5B6116



2F4B1B



262622



5D6600



D2E600



# Inverse Universe

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



1F1B4B



1D1661



371B4B



232226



090066



1300E6



# Previews

## White Background



This preview shows how the Hex color 474B1B looks on a white background.

## Color Contrast Check

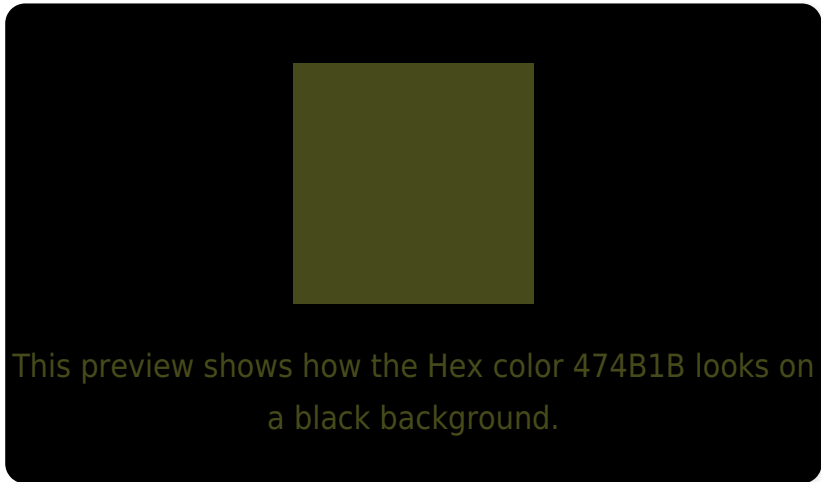
Large Text (above 18pt) WCAG AA ✓ Pass

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

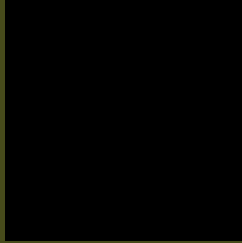
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 474B1B Background



This preview shows how black text looks on a background with the Hex color 474B1B.



This preview shows how white text looks on a background with the Hex color 474B1B.

# 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**  
474B1B

**Protanopia**  
50481A

**Deuteranopia**  
59441D



**Tritanopia**  
4C464C

# Trichromacy



**Original Color**  
474B1B

**Protanomaly**  
4D491A

**Deuteranomaly**  
52471C

**Tritanomaly**  
4A483A

# Monochromacy



**Original Color**  
474B1B

**Achromatopsia**  
444444

**Achromatomaly**  
454735

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 474B1B 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 #474B1B looks like.

```
.text, #text, p{  
    color:#474B1B  
}
```

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 #474B1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474B1B
}
```

## Border

The CSS property to change the border of an element to Hex 474B1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

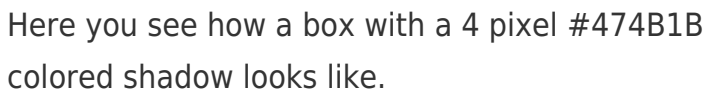
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474B1B }
```

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

```
.border{ border-color:#474B1B }
```

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



Here you see how a box with a 4 pixel #474B1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474B1B; -webkit-box-shadow:4px 4px  
4px 4px #474B1B; box-shadow:4px 4px 4px  
4px #474B1B }
```

# Background

The CSS property to change the background color of an element to Hex 474B1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474B1B }
```

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

```
.background{ background-color:#474B1B }
```

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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