

# Converting Colors

Hex(48441D)

Have a look what the booklet for  
Hex(48441D) contains.

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# Color

**Hex(48441D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	48441D
RGB	72, 68, 29
RGB Percent	28%, 27%, 11%
CMY	0.7176, 0.7333, 0.8863
CMYK	0.00, 0.06, 0.60, 0.72
HSL	54°, 43%, 20%
HSV	54°, 60%, 28%
XYZ	4.9614, 5.6007, 1.9819
YIQ	64.7500, 14.9030, -11.2810

# Conversions

## Conversions Part 2

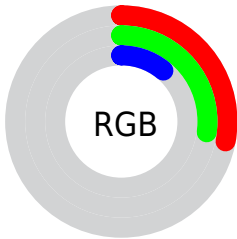
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 72, 29
Decimal	4736029
CIELab	28.38, -4.44, 23.91
CIELCh	28, 24.318, 100.513
Yxy	5.6007, 0.3955, 0.4465
Android (android.graphics.Color)	4282926109 (0xFF48441D)
YUV	64.7500, -17.6247, 6.3582
Hunter-Lab	23.6657, -3.9936, 11.6006

# Details

The Hex color **48441D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1D2148**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7A744A**, and **1B1900** is the 20% darker color. If you saturate the color by 10%, you get **484316**, and if you desaturate by 10%, it is **484524**.

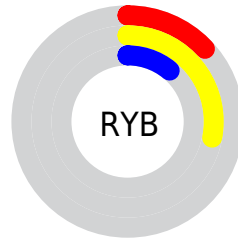
# Distribution



Red (28%)

Green (27%)

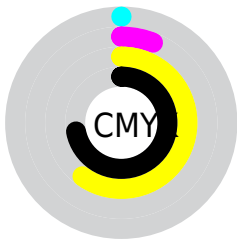
Blue (11%)



Red (13%)

Yellow (28%)

Blue (11%)

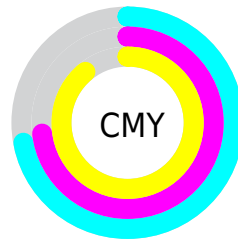


Cyan (0%)

Magenta (6%)

Yellow (60%)

Black (72%)



Cyan (72%)

Magenta (73%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48441D 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 48441D by changing the saturation by 10% instead.





48441D



48441D

FFFFFF



312E06



7A744A



1B1900



948D62



000000



AFA87B



CBC395



E7DFB0



FFFBCC



FFFFE8



48441D



48441D

■ 484316

■ 484524

■ 48430F

■ 48452B

■ 484207

■ 484633

■ 484100

■ 48473A

■ 484741

■ 484848

■ 48494F

■ 484957

■ 484A5E

# Harmonies

## Analogous

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



593E20



48441D



344926

# Triad

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



48441D



004C5B



5F3550

# Complementary

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



48441D



1D2148

# 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.



4D3C60



48441D



004866

# Square

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



48441D



004D49



304368



66343D

# Rectangle

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



48441D



234B30



304368



5A3756



# Sweetspot

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



48441D



5E5D4D



481D21



302F26



B0B0B0



303030



# Same Dimension

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



48441D



5E581A



37481D



242320



635A00



E3CE00



# Inverse Universe

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



1D2148



1A215E



2E1D48



202024



000963



0015E3



# Previews

## White Background



This preview shows how the Hex color 48441D looks on a white background.

## Color Contrast Check

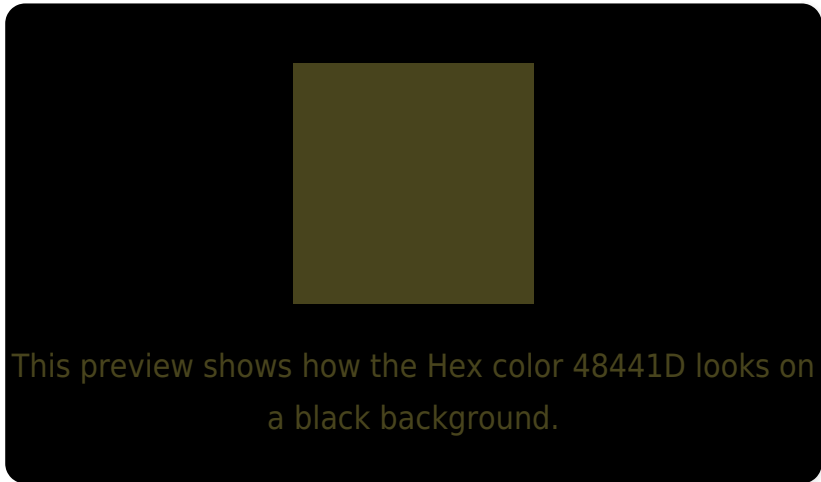
Large Text (above 18pt) WCAG AA ✓ Pass

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

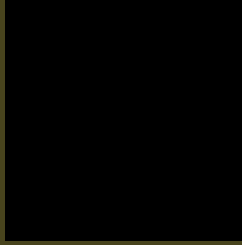
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 48441D Background



This preview shows how black text looks on a background with the Hex color 48441D.



This preview shows how white text looks on a background with the Hex color 48441D.

# 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**  
48441D

**Protanopia**  
4B431D

**Deuteranopia**  
53401E



**Tritanopia**  
4C4045

# Trichromacy



**Original Color**  
48441D

**Protanomaly**  
4A431D

**Deuteranomaly**  
4F411E

**Tritanomaly**  
4B4136

# Monochromacy



**Original Color**  
48441D

**Achromatopsia**  
414141

**Achromatomaly**  
444234

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48441D 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 #48441D looks like.

```
.text, #text, p{  
    color:#48441D  
}
```

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 #48441D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48441D
}
```

## Border

The CSS property to change the border of an element to Hex 48441D is called "border". The border property can be set on classes, ids or directly on the HTML element.

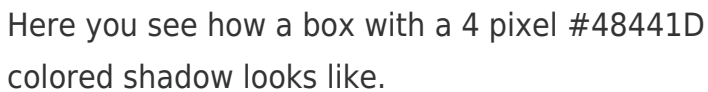
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48441D }
```

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

```
.border{ border-color:#48441D }
```

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



Here you see how a box with a 4 pixel #48441D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48441D; -webkit-box-shadow:4px 4px  
4px 4px #48441D; box-shadow:4px 4px 4px  
4px #48441D }
```

# Background

The CSS property to change the background color of an element to Hex 48441D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48441D }
```

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

```
.background{ background-color:#48441D }
```

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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