

Converting Colors

Hex(4D441C)

Have a look what the booklet for
Hex(4D441C) contains.

Hex(4D441C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4D441C)

Conversions

Conversions Part 1	
Format	Color
Hex	4D441C
RGB	77, 68, 28
RGB Percent	30%, 27%, 11%
CMY	0.6980, 0.7333, 0.8902
CMYK	0.00, 0.12, 0.64, 0.70
HSL	49°, 47%, 21%
HSV	49°, 64%, 30%
XYZ	5.3373, 5.7959, 1.9360
YIQ	66.1310, 18.2040, -10.5320

Conversions

Conversions Part 2

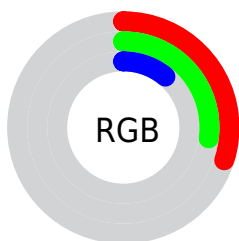
Format	Color
RYB	39, 77, 28
Decimal	5063708
CIELab	28.89, -2.03, 25.20
CIELCh	29, 25.280, 94.604
Yxy	5.7959, 0.4084, 0.4435
Android (android.graphics.Color)	4283253788 (0xFF4D441C)
YUV	66.1310, -18.7986, 9.5321
Hunter-Lab	24.0746, -2.5575, 12.0843

Details

The Hex color **4D441C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1C254D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **807449**, and **1F1900** is the 20% darker color. If you saturate the color by 10%, you get **4D4314**, and if you desaturate by 10%, it is **4D4524**.

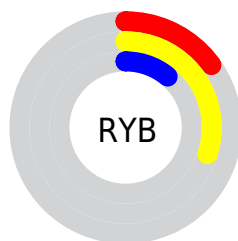
Distribution



Red (30%)

Green (27%)

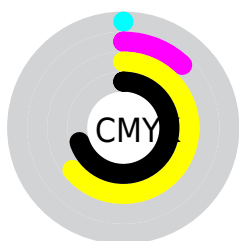
Blue (11%)



Red (15%)

Yellow (30%)

Blue (11%)

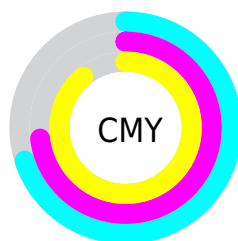


Cyan (0%)

Magenta (12%)

Yellow (64%)

Black (70%)



Cyan (70%)

Magenta (73%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D441C 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 4D441C by changing the saturation by 10% instead.

 4D441C

 4D441C

FFFFFF

 352E04

 807449

 1F1900

 9A8D61

 000000

 B5A87B

 D1C394

 EEDFAF

 FFFBCB

 FFFFE7

 4D441C

 4D441C

 4D4314

 4D4524

 4D410D

 4D472B

 4D4005

 4D4833

 4D3F00

 4D4A3B

 4D4B42

 4D4C4A

 4D4E52

 4D4F5A

 4D5161

Harmonies

Analogous

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



5D3D21



4D441C



394923

Triad

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



4D441C



004D5A



5F3755

Complementary

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



4D441C



1C254D

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.



4A3E64



4D441C



004B67

Square

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



4D441C



004E47



29456B



683442

Rectangle

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



4D441C



284C2D



29456B



59395B

Sweetspot

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



4D441C



636051



4D1C26



333127



B3B3B3



333333

Same Dimension

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



4D441C



635618



3E4D1C



262622



665300



E6BB00

Inverse Universe

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



1C254D



182663



2B1C4D



222326



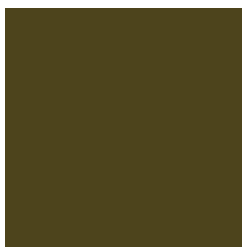
001366



002AE6

Previews

White Background



This preview shows how the Hex color 4D441C 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



This preview shows how the Hex color 4D441C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

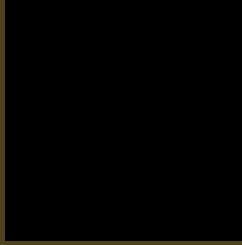
Any Text WCAG AA × Fail

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 4D441C Background



This preview shows how black text looks on a background with the Hex color 4D441C.



This preview shows how white text looks on a background with the Hex color 4D441C.

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

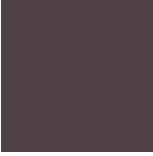
4D441C

Protanopia

4C441C

Deuteranopia

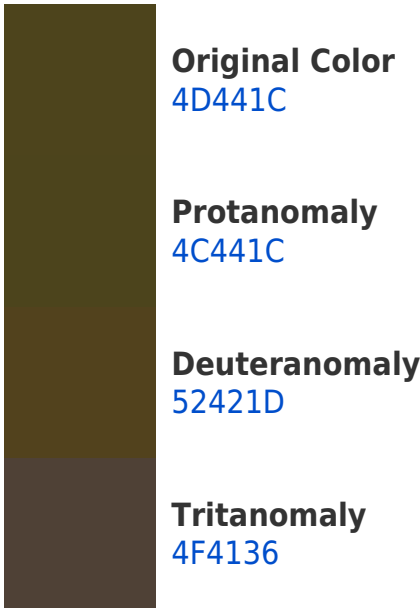
55411D



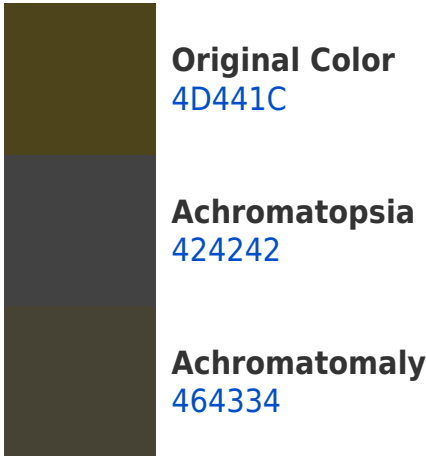
Tritanopia

504045

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D441C 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 #4D441C looks like.

```
.text, #text, p{  
    color:#4D441C  
}
```

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 #4D441C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D441C
}
```

Border

The CSS property to change the border of an element to Hex 4D441C 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
#4D441C }
```

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

```
.border{ border-color:#4D441C }
```

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

Here you see how a box with a 4 pixel #4D441C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D441C; -webkit-box-shadow:4px 4px  
4px 4px #4D441C; box-shadow:4px 4px 4px  
4px #4D441C }
```

Background

The CSS property to change the background color of an element to Hex 4D441C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D441C }
```

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

```
.background{ background-color:#4D441C }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor