

Converting Colors

Hex(4C4F3C)

Have a look what the booklet for
Hex(4C4F3C) contains.

Hex(4C4F3C)	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(4C4F3C)

Conversions

Conversions Part 1

Format	Color
Hex	4C4F3C
RGB	76, 79, 60
RGB Percent	30%, 31%, 24%
CMY	0.7020, 0.6902, 0.7647
CMYK	0.04, 0.00, 0.24, 0.69
HSL	69°, 14%, 27%
HSV	69°, 24%, 31%
XYZ	6.5921, 7.4547, 5.3664
YIQ	75.9370, 4.3110, -6.5450

Conversions

Conversions Part 2

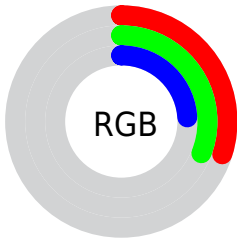
Format	Color
RYB	60, 79, 63
Decimal	5001020
CIELab	32.82, -5.00, 10.84
CIELCh	33, 11.943, 114.763
Yxy	7.4547, 0.3396, 0.3840
Android (android.graphics.Color)	4283191100 (0xFF4C4F3C)
YUV	75.9370, -7.8569, 0.0553
Hunter-Lab	27.3033, -4.6839, 7.4590

Details

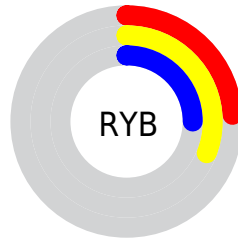
The Hex color **4C4F3C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **3F3C4F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7D806B**, and **202312** is the 20% darker color. If you saturate the color by 10%, you get **4B4F34**, and if you desaturate by 10%, it is **4D4F44**.

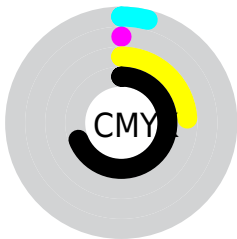
Distribution



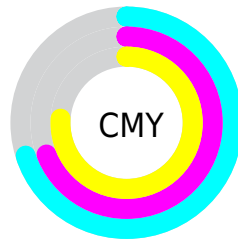
- Red (30%)
- Green (31%)
- Blue (24%)



- Red (24%)
- Yellow (31%)
- Blue (25%)



- Cyan (4%)
- Magenta (0%)
- Yellow (24%)
- Black (69%)



- Cyan (70%)
- Magenta (69%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4F3C 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 4C4F3C by changing the saturation by 10% instead.

 4C4F3C

 4C4F3C

FFFFFF

 353826

 7D806B

 202312

 979A85

 030D00

 B2B59F

 000000

 CDD0BA

 E9EDD5

 FFFFF2

 4C4F3C

 4C4F3C

 4B4F34

 4D4F44

■ 4A4F2C

■ 4E4F4C

■ 484F24

■ 504F54

■ 474F1C

■ 514F5C

■ 464F14

■ 524F64

■ 454F0D

■ 534F6B

■ 434F05

■ 554F73

■ 434F00

■ 564F7B

■ 574F83

Harmonies

Analogous

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



564C3B



4C4F3C



415142

Triad

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



4C4F3C



36515C



5F474F

Complementary

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



4C4F3C



3F3C4F

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.



584858



4C4F3C



404F60

Square

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



4C4F3C



335255



4D4B5E



614746

Rectangle

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



4C4F3C



3B5248



4D4B5E



5D4752

Sweetspot

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



4C4F3C



65665F



4F3F3C



32332F



B3B3B3



333333

Same Dimension

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



4C4F3C



616648



434F3C



262622



566600



C1E600

Inverse Universe

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



3F3C4F



4D4866



483C4F



232226



100066



2400E6

Previews

White Background



This preview shows how the Hex color 4C4F3C looks on a white background.

Color Contrast Check

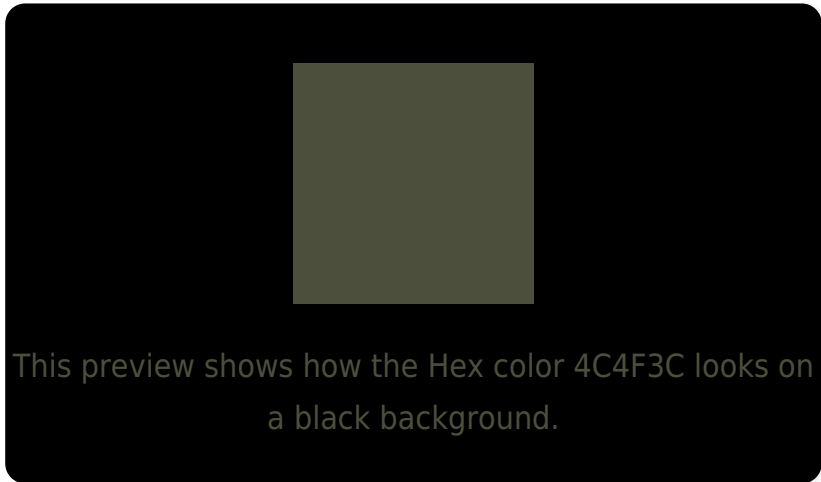
Large Text (above 18pt) WCAG AA ✓ Pass

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

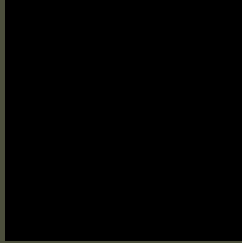
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

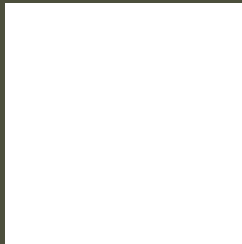
Any Text WCAG AAA × Fail

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

Hex 4C4F3C Background



This preview shows how black text looks on a background with the Hex color 4C4F3C.

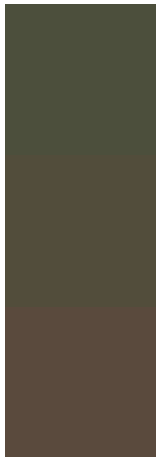


This preview shows how white text looks on a background with the Hex color 4C4F3C.

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
4C4F3C

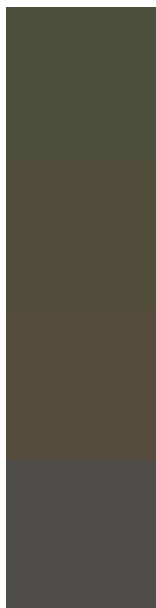
Protanopia
524D3B

Deuteranopia
5A4A3D



Tritanopia
4F4C52

Trichromacy



Original Color

4C4F3C

Protanomaly

504E3B

Deuteranomaly

554C3D

Tritanomaly

4E4D4A

Monochromacy



Original Color

4C4F3C

Achromatopsia

4C4C4C

Achromatomaly

4C4D46

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4F3C 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 #4C4F3C looks like.

```
.text, #text, p{  
    color:#4C4F3C  
}
```

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 #4C4F3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4F3C
}
```

Border

The CSS property to change the border of an element to Hex 4C4F3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

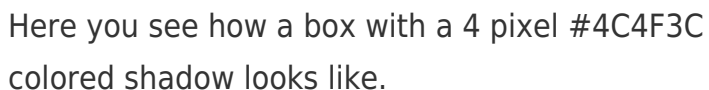
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C4F3C }
```

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

```
.border{ border-color:#4C4F3C }
```

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



Here you see how a box with a 4 pixel #4C4F3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4F3C; -webkit-box-shadow:4px 4px  
4px 4px #4C4F3C; box-shadow:4px 4px 4px  
4px #4C4F3C }
```

Background

The CSS property to change the background color of an element to Hex 4C4F3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4F3C }
```

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

```
.background{ background-color:#4C4F3C }
```

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