

Converting Colors

Hex(4C4F3F)

Have a look what the booklet for
Hex(4C4F3F) contains.

Hex(4C4F3F)	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(4C4F3F)

Conversions

Conversions Part 1

Format	Color
Hex	4C4F3F
RGB	76, 79, 63
RGB Percent	30%, 31%, 25%
CMY	0.7020, 0.6902, 0.7529
CMYK	0.04, 0.00, 0.20, 0.69
HSL	71°, 11%, 28%
HSV	71°, 20%, 31%
XYZ	6.6737, 7.4873, 5.7961
YIQ	76.2790, 3.3480, -5.6120

Conversions

Conversions Part 2

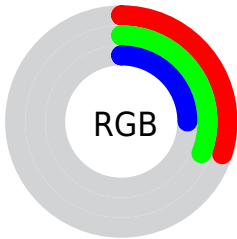
Format	Color
RYB	63, 79, 66
Decimal	5001023
CIELab	32.89, -4.46, 9.06
CIELCh	33, 10.101, 116.234
Yxy	7.4873, 0.3344, 0.3752
Android (android.graphics.Color)	4283191103 (0xFF4C4F3F)
YUV	76.2790, -6.5465, -0.2447
Hunter-Lab	27.3630, -4.3502, 6.5952

Details

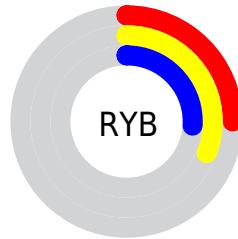
The Hex color **4C4F3F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **423F4F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7D806F**, and **202315** is the 20% darker color. If you saturate the color by 10%, you get **4B4F37**, and if you desaturate by 10%, it is **4D4F47**.

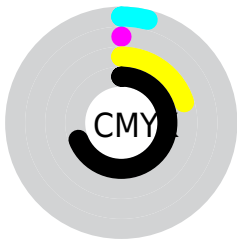
Distribution



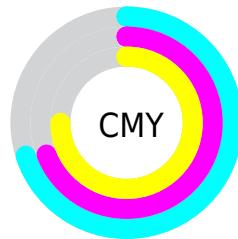
- Red (30%)
- Green (31%)
- Blue (25%)



- Red (25%)
- Yellow (31%)
- Blue (26%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (69%)



- Cyan (70%)
- Magenta (69%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4F3F 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 4C4F3F by changing the saturation by 10% instead.



4C4F3F



4C4F3F

FFFFFF



353829



7D806F



202315



979A88



050D00



B2B5A2



000000



CDD0BD



E9EDD9



FFFFFF6



4C4F3F



4C4F3F



4B4F37



4D4F47

■ 494F2F

■ 4F4F4F

■ 484F27

■ 504F57

■ 464F1F

■ 524F5F

■ 454F18

■ 534F67

■ 434F10

■ 554F6E

■ 424F08

■ 564F76

■ 404F00

■ 584F7E

■ 594F86

Harmonies

Analogous

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



554C3E



4C4F3F



435144

Triad

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



4C4F3F



3B515A



5D484F

Complementary

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



4C4F3F



423F4F

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.



574956



4C4F3F



434E5D

Square

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



4C4F3F



385254



4E4C5C



5E4847

Rectangle

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



4C4F3F



3E5249



4E4C5C



5B4851

Sweetspot

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



4C4F3F



656660



4F423F



32332F



B3B3B3



333333

Same Dimension

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



4C4F3F



61664E



444F3F



262622



536600



BAE600

Inverse Universe

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



423F4F



524E66



4A3F4F



232226



130066



2B00E6

Previews

White Background



This preview shows how the Hex color 4C4F3F looks on a white background.

Color Contrast Check

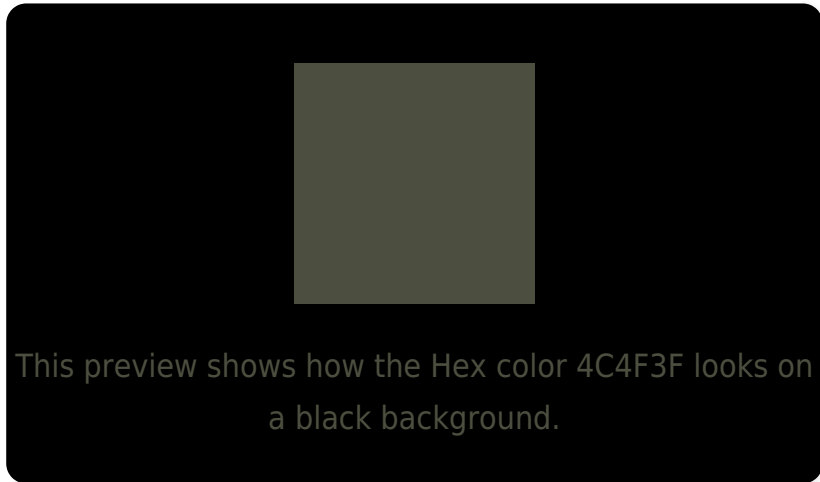
Large Text (above 18pt) WCAG AA ✓ Pass

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

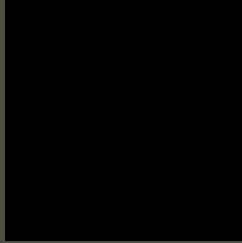
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

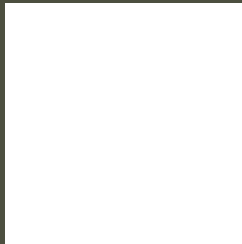
Any Text WCAG AAA × Fail

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

Hex 4C4F3F Background



This preview shows how black text looks on a background with the Hex color 4C4F3F.

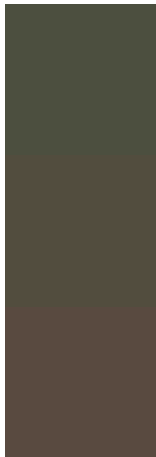


This preview shows how white text looks on a background with the Hex color 4C4F3F.

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
4C4F3F

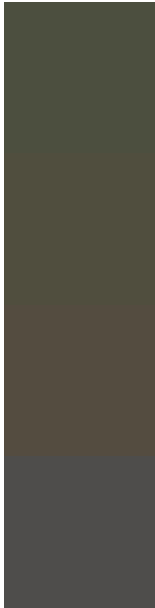
Protanopia
524D3E

Deuteranopia
594A40



Tritanopia
4F4C52

Trichromacy



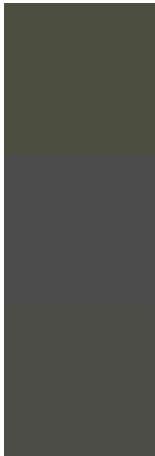
Original Color
4C4F3F

Protanomaly
504E3E

Deuteranomaly
544C40

Tritanomaly
4E4D4B

Monochromacy



Original Color
4C4F3F

Achromatopsia
4C4C4C

Achromatomaly
4C4D47

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4F3F 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 #4C4F3F looks like.

```
.text, #text, p{  
    color:#4C4F3F  
}
```

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 #4C4F3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4F3F
}
```

Border

The CSS property to change the border of an element to Hex 4C4F3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

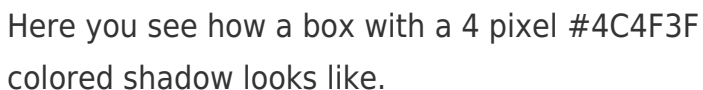
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C4F3F }
```

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

```
.border{ border-color:#4C4F3F }
```

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



Here you see how a box with a 4 pixel #4C4F3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4F3F; -webkit-box-shadow:4px 4px  
4px 4px #4C4F3F; box-shadow:4px 4px 4px  
4px #4C4F3F }
```

Background

The CSS property to change the background color of an element to Hex 4C4F3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4F3F }
```

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

```
.background{ background-color:#4C4F3F }
```

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