

Converting Colors

Hex(4C583C)

Have a look what the booklet for
Hex(4C583C) contains.

Hex(4C583C)	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(4C583C)

Conversions

Conversions Part 1

Format	Color
Hex	4C583C
RGB	76, 88, 60
RGB Percent	30%, 35%, 24%
CMY	0.7020, 0.6549, 0.7647
CMYK	0.14, 0.00, 0.32, 0.65
HSL	86°, 19%, 29%
HSV	86°, 32%, 35%
XYZ	7.2858, 8.8422, 5.5977
YIQ	81.2200, 1.8360, -11.2520

Conversions

Conversions Part 2

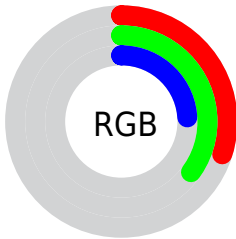
Format	Color
RYB	60, 88, 72
Decimal	5003324
CIELab	35.68, -10.36, 14.73
CIELCh	36, 18.009, 125.099
Yxy	8.8422, 0.3354, 0.4070
Android (android.graphics.Color)	4283193404 (0xFF4C583C)
YUV	81.2200, -10.4615, -4.5779
Hunter-Lab	29.7358, -8.3019, 9.6539

Details

The Hex color **4C583C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **483C58**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7D8A6C**, and **1F2B11** is the 20% darker color. If you saturate the color by 10%, you get **485833**, and if you desaturate by 10%, it is **505845**.

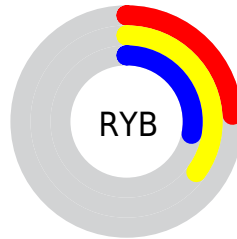
Distribution



Red (30%)

Green (35%)

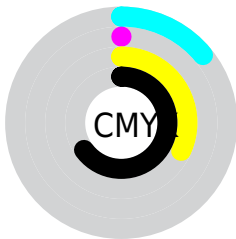
Blue (24%)



Red (24%)

Yellow (35%)

Blue (28%)

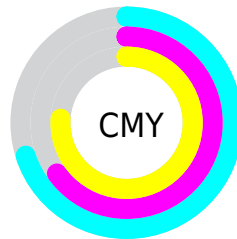


Cyan (14%)

Magenta (0%)

Yellow (32%)

Black (65%)



Cyan (70%)

Magenta (65%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C583C 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 4C583C by changing the saturation by 10% instead.



4C583C



4C583C

FFFFFF



354126



7D8A6C



1F2B11



97A485



051700



B2BF9F



000000



CEDBBA



EAF8D6



FFFFFF2



4C583C



4C583C



485833



505845

■ 44582A

■ 54584E

■ 415822

■ 575856

■ 3D5819

■ 5B585F

■ 395810

■ 5F5868

■ 355807

■ 635871

■ 325800

■ 66587A

■ 6A5882

■ 6E588B

Harmonies

Analogous

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



5C5437



4C583C



3B5B47

Triad

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



4C583C



30596E



704952

Complementary

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



4C583C



483C58

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.



684B60



4C583C



455470

Square

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



4C583C



265B64



594F6B



704B44

Rectangle

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



4C583C



315C51



594F6B



6E4957

Sweetspot

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



4C583C



6E7367



58483C



383B34



BABABA



3B3B3B

Same Dimension

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



4C583C



607347



3E583C



292B27



3D6B00



86EB00

Inverse Universe

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



483C58



5A4773



563C58



29272B



2E006B



6500EB

Previews

White Background



This preview shows how the Hex color 4C583C looks on a white background.

Color Contrast Check

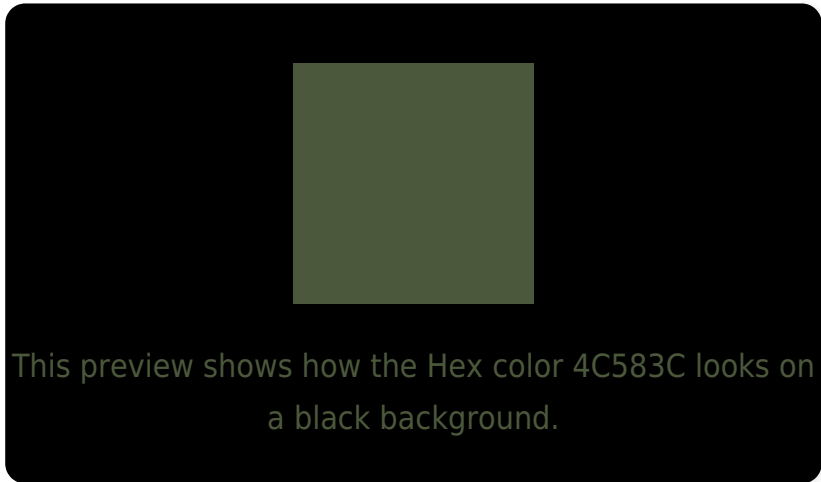
Large Text (above 18pt) WCAG AA ✓ Pass

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

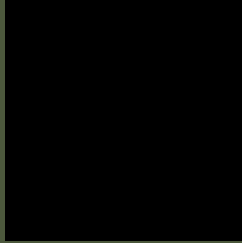
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

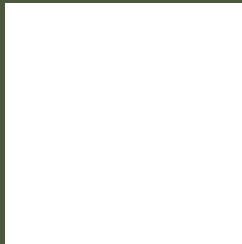
Any Text WCAG AAA × Fail

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

Hex 4C583C Background



This preview shows how black text looks on a background with the Hex color 4C583C.

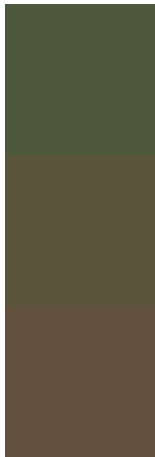


This preview shows how white text looks on a background with the Hex color 4C583C.

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
4C583C

Protanopia
5A543A

Deuteranopia
63503E



Tritanopia
50545B

Trichromacy



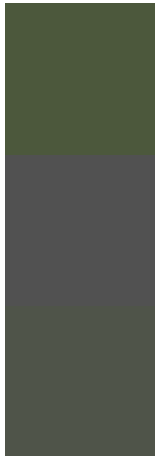
Original Color
4C583C

Protanomaly
55553B

Deuteranomaly
5B533D

Tritanomaly
4F5550

Monochromacy



Original Color
4C583C

Achromatopsia
515151

Achromatomaly
4F5449

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C583C 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 #4C583C looks like.

```
.text, #text, p{  
    color:#4C583C  
}
```

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 #4C583C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C583C
}
```

Border

The CSS property to change the border of an element to Hex 4C583C is called "border". The border property can be set on classes, ids or directly on the HTML element.

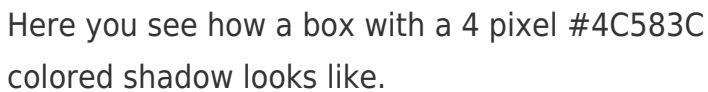
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C583C }
```

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

```
.border{ border-color:#4C583C }
```

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



Here you see how a box with a 4 pixel #4C583C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C583C; -webkit-box-shadow:4px 4px  
4px 4px #4C583C; box-shadow:4px 4px 4px  
4px #4C583C }
```

Background

The CSS property to change the background color of an element to Hex 4C583C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C583C }
```

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

```
.background{ background-color:#4C583C }
```

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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