

# Converting Colors

Hex(4E403C)

Have a look what the booklet for  
Hex(4E403C) contains.

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# Color

Hex(4E403C)

# Conversions

## Conversions Part 1

Format	Color
Hex	4E403C
RGB	78, 64, 60
RGB Percent	31%, 25%, 24%
CMY	0.6941, 0.7490, 0.7647
CMYK	0.00, 0.18, 0.23, 0.69
HSL	13°, 13%, 27%
HSV	13°, 23%, 31%
XYZ	5.7909, 5.6127, 5.0531
YIQ	67.7300, 9.6280, 1.7240

# Conversions

## Conversions Part 2

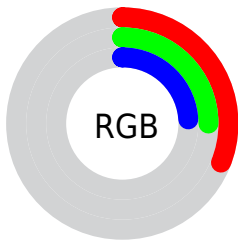
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 65, 60
Decimal	5128252
CIELab	28.41, 5.31, 4.70
CIELCh	28, 7.091, 41.540
Yxy	5.6127, 0.3519, 0.3411
Android (android.graphics.Color)	4283318332 (0xFF4E403C)
YUV	67.7300, -3.8109, 9.0068
Hunter-Lab	23.6912, 2.1715, 3.9378

# Details

The Hex color **4E403C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C4A4E**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **7F706B**, and **211612** is the 20% darker color. If you saturate the color by 10%, you get **4E3A34**, and if you desaturate by 10%, it is **4E4644**.

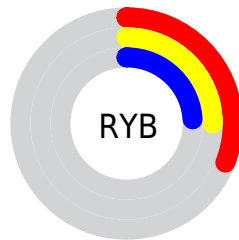
# Distribution



Red (31%)

Green (25%)

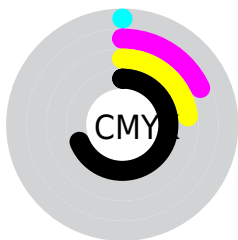
Blue (24%)



Red (31%)

Yellow (25%)

Blue (24%)

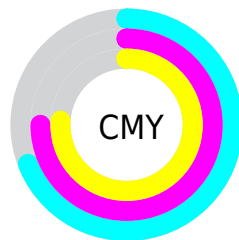


Cyan (0%)

Magenta (18%)

Yellow (23%)

Black (69%)



Cyan (69%)

Magenta (75%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E403C 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 4E403C by changing the saturation by 10% instead.





4E403C



4E403C

FFFFFF



372A26



7F706B



211612



998984



000000



B4A39F



D0BEB9



ECDAD5



FFF7F2



4E403C



4E403C



4E3A34



4E4644

■ 4E342C

■ 4E4C4C

■ 4E2E25

■ 4E5253

■ 4E281D

■ 4E585B

■ 4E2215

■ 4E5E63

■ 4E1C0D

■ 4E646B

■ 4E1605

■ 4E6A73

■ 4E1100

■ 4E717A

■ 4E7782

# Harmonies

## Analogous

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



4F3F41



4E403C



4B4239

# Triad

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



4E403C



39463F



40434E

# Complementary

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



4E403C



3C4A4E

# 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.



39454D



4E403C



364645

# Square

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



4E403C



3F453B



35464A



47414B

# Rectangle

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



4E403C



474338



35464A



3D434E



# Sweetspot

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



4E403C



66605F



4E3C4A



33302F



B3B3B3



333333



# Same Dimension

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



4E403C



665049



4E493C



262322



661700



E63300



# Inverse Universe

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



3C4A4E



496066



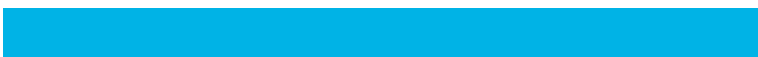
3C414E



222526



004F66

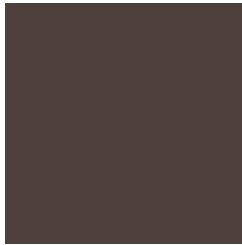


00B3E6



# Previews

## White Background



This preview shows how the Hex color 4E403C looks on a white background.

## Color Contrast Check

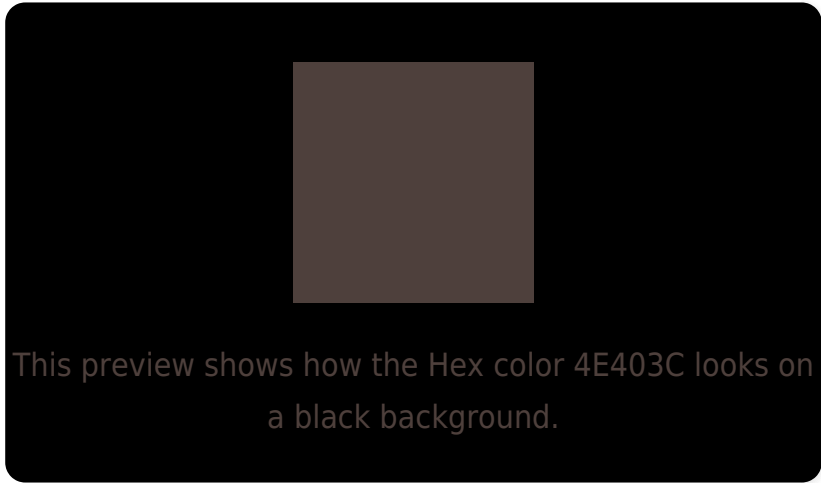
Large Text (above 18pt) WCAG AA ✓ Pass

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

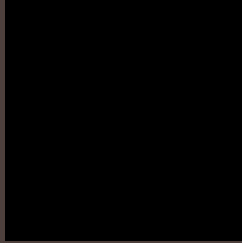
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E403C Background



This preview shows how black text looks on a background with the Hex color 4E403C.

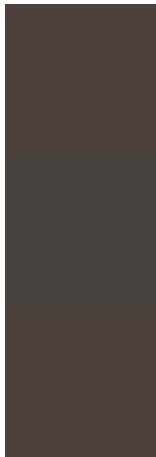


This preview shows how white text looks on a background with the Hex color 4E403C.

# 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**  
4E403C

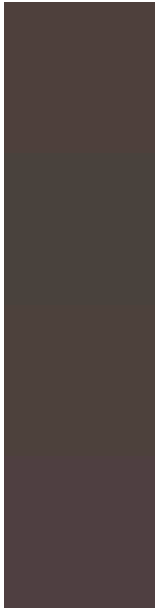
**Protanopia**  
46433E

**Deuteranopia**  
4C413C



**Tritanopia**  
4F3F44

# Trichromacy



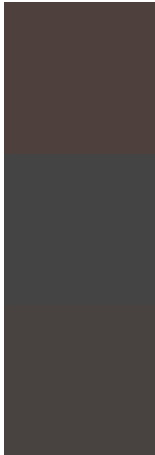
**Original Color**  
4E403C

**Protanomaly**  
49423D

**Deuteranomaly**  
4D413C

**Tritanomaly**  
4F3F41

# Monochromacy



**Original Color**  
4E403C

**Achromatopsia**  
444444

**Achromatomaly**  
484341

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E403C 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 #4E403C looks like.

```
.text, #text, p{  
    color:#4E403C  
}
```

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 #4E403C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E403C
}
```

## Border

The CSS property to change the border of an element to Hex 4E403C is called "border". The border property can be set on classes, ids or directly on the HTML element.

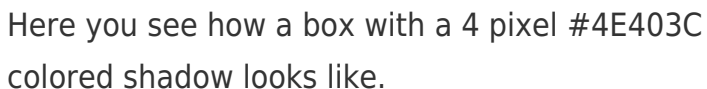
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E403C }
```

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

```
.border{ border-color:#4E403C }
```

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



Here you see how a box with a 4 pixel #4E403C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E403C; -webkit-box-shadow:4px 4px  
4px 4px #4E403C; box-shadow:4px 4px 4px  
4px #4E403C }
```

# Background

The CSS property to change the background color of an element to Hex 4E403C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E403C }
```

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

```
.background{ background-color:#4E403C }
```

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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