

Converting Colors

Hex(4E3D1C)

Have a look what the booklet for
Hex(4E3D1C) contains.

Hex(4E3D1C)	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(4E3D1C)

Conversions

Conversions Part 1

Format	Color
Hex	4E3D1C
RGB	78, 61, 28
RGB Percent	31%, 24%, 11%
CMY	0.6941, 0.7608, 0.8902
CMYK	0.00, 0.22, 0.64, 0.69
HSL	40°, 47%, 21%
HSV	40°, 64%, 31%
XYZ	5.0202, 5.0410, 1.8070
YIQ	62.3210, 20.7250, -6.6590

Conversions

Conversions Part 2

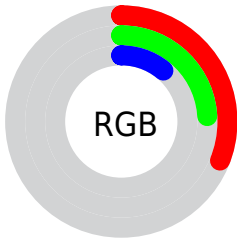
Format	Color
RYB	54, 78, 28
Decimal	5127452
CIELab	26.85, 2.90, 22.87
CIELCh	27, 23.049, 82.783
Yxy	5.0410, 0.4230, 0.4247
Android (android.graphics.Color)	4283317532 (0xFF4E3D1C)
YUV	62.3210, -16.9203, 13.7505
Hunter-Lab	22.4522, 0.6205, 10.9447

Details

The Hex color **4E3D1C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1C2D4E**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **816C49**, and **1F1300** is the 20% darker color. If you saturate the color by 10%, you get **4E3A14**, and if you desaturate by 10%, it is **4E4024**.

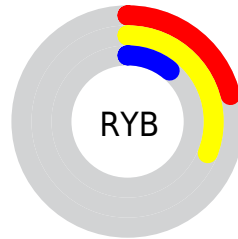
Distribution



Red (31%)

Green (24%)

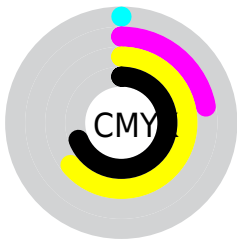
Blue (11%)



Red (21%)

Yellow (31%)

Blue (11%)

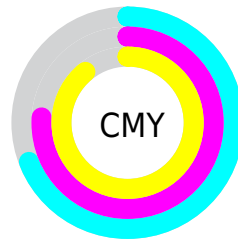


Cyan (0%)

Magenta (22%)

Yellow (64%)

Black (69%)



Cyan (69%)

Magenta (76%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E3D1C 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 4E3D1C by changing the saturation by 10% instead.



4E3D1C



4E3D1C

FFFFFF



362704



816C49



1F1300



9B8561



000000



B7A07A



D3BB94



F0D6AE



FFF3CA



FFFFE6



4E3D1C



4E3D1C

■ 4E3A14

■ 4E4024

■ 4E380C

■ 4E422C

■ 4E3505

■ 4E4533

■ 4E3300

■ 4E483B

■ 4E4A43

■ 4E4D4B

■ 4E5053

■ 4E525A

■ 4E5562

Harmonies

Analogous

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



5B3724



4E3D1C



3D431E

Triad

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



4E3D1C



00484D



513655

Complementary

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



4E3D1C



1C2D4E

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.



3A3D60



4E3D1C



00475B

Square

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



4E3D1C



09483A



184362



5E3144

Rectangle

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



4E3D1C



304525



184362



4B3859

Sweetspot

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



4E3D1C



665F53



4E1C2D



332F27



B3B3B3



333333

Same Dimension

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



4E3D1C



664B17



474E1C



262522



664300



E69700

Inverse Universe

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



1C2D4E



173266



241C4E



222426



002366



004EE6

Previews

White Background



This preview shows how the Hex color 4E3D1C 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

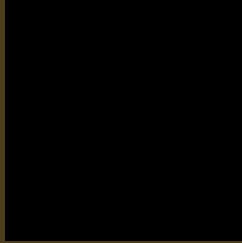
Any Text WCAG AA × Fail

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 4E3D1C Background



This preview shows how black text looks on a background with the Hex color 4E3D1C.

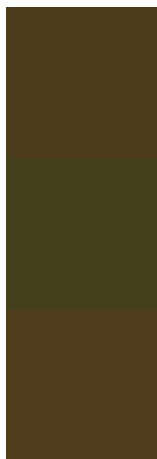


This preview shows how white text looks on a background with the Hex color 4E3D1C.

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
4E3D1C

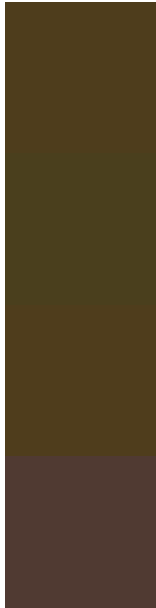
Protanopia
47401D

Deuteranopia
4F3D1C



Tritanopia
51393E

Trichromacy



Original Color
4E3D1C

Protanomaly
4A3F1D

Deuteranomaly
4F3D1C

Tritanomaly
503A32

Monochromacy



Original Color
4E3D1C

Achromatopsia
3E3E3E

Achromatomaly
443E32

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E3D1C 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 #4E3D1C looks like.

```
.text, #text, p{  
    color:#4E3D1C  
}
```

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 #4E3D1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E3D1C  
}
```

Border

The CSS property to change the border of an element to Hex 4E3D1C 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".

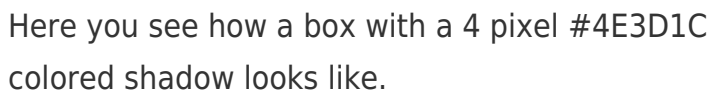
```
.border, #border, table{ border:4px solid  
#4E3D1C }
```

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

```
.border{ border-color:#4E3D1C }
```

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

Here you see how a box with a 4 pixel #4E3D1C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E3D1C; -webkit-box-shadow:4px 4px  
4px 4px #4E3D1C; box-shadow:4px 4px 4px  
4px #4E3D1C }
```

Background

The CSS property to change the background color of an element to Hex 4E3D1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E3D1C }
```

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

```
.background{ background-color:#4E3D1C }
```

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