

Converting Colors

Hex(4E3D2E)

Have a look what the booklet for
Hex(4E3D2E) contains.

Hex(4E3D2E)	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(4E3D2E)

Conversions

Conversions Part 1

Format	Color
Hex	4E3D2E
RGB	78, 61, 46
RGB Percent	31%, 24%, 18%
CMY	0.6941, 0.7608, 0.8196
CMYK	0.00, 0.22, 0.41, 0.69
HSL	28°, 26%, 24%
HSV	28°, 41%, 31%
XYZ	5.3038, 5.1544, 3.3001
YIQ	64.3730, 14.9470, -1.0610

Conversions

Conversions Part 2

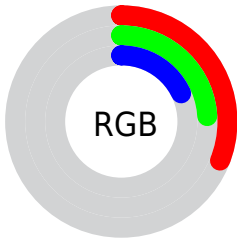
Format	Color
RYB	78, 74, 46
Decimal	5127470
CIELab	27.17, 4.99, 12.07
CIELCh	27, 13.064, 67.554
Yxy	5.1544, 0.3855, 0.3746
Android (android.graphics.Color)	4283317550 (0xFF4E3D2E)
YUV	64.3730, -9.0579, 11.9509
Hunter-Lab	22.7034, 1.9687, 7.2741




Details

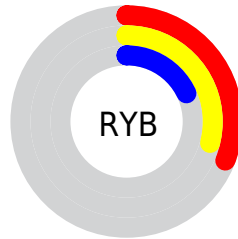
The Hex color **4E3D2E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2E3F4E**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **806C5C**, and **221300** is the 20% darker color. If you saturate the color by 10%, you get **4E3926**, and if you desaturate by 10%, it is **4E4136**.

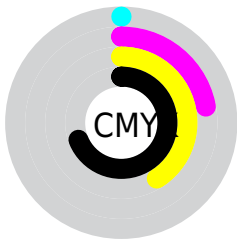
Distribution







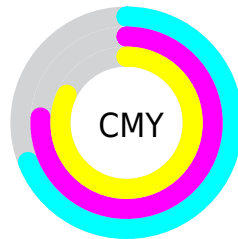
-  Red (31%)
-  Green (24%)
-  Blue (18%)






-  Red (31%)
-  Yellow (29%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (22%)
-  Yellow (41%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (76%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E3D2E 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 4E3D2E by changing the saturation by 10% instead.



4E3D2E



4E3D2E

FFFFFF



372719



806C5C



221300



9A8675



000000



B5A08E



D1BBA9



EDD6C4



FFF3E0



FFFFFC



4E3D2E



4E3D2E

■ 4E3926

■ 4E4136

■ 4E351E

■ 4E453E

■ 4E3117

■ 4E4945

■ 4E2C0F

■ 4E4E4D

■ 4E2807

■ 4E5255

■ 4E2500

■ 4E565D

■ 4E5A65

■ 4E5E6C

■ 4E6274

Harmonies

Analogous

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



543A34



4E3D2E



45402C

Triad

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



4E3D2E



254642



453D50

Complementary

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



4E3D2E



2E3F4E

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.



374054



4E3D2E



23454C

Square

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



4E3D2E



2E4538



2A4352



4F3A48

Rectangle

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



4E3D2E



3E422E



2A4352



413E52

Sweetspot

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



4E3D2E



665F5A



4E2E3F



332F2C



B3B3B3



333333

Same Dimension

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



4E3D2E



664B34



4E4D2E



262422



663000



E66C00

Inverse Universe

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



2E3F4E



344F66



2E2F4E



222426



003666



007AE6

Previews

White Background



This preview shows how the Hex color 4E3D2E 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

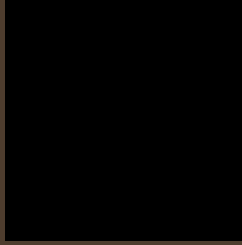
Any Text WCAG AA × Fail

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 4E3D2E Background



This preview shows how black text looks on a background with the Hex color 4E3D2E.

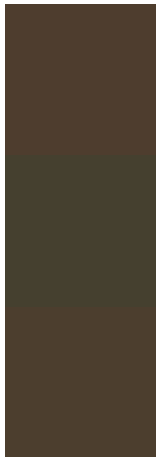


This preview shows how white text looks on a background with the Hex color 4E3D2E.

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
4E3D2E

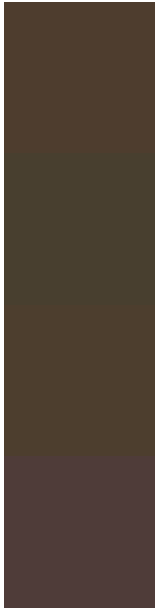
Protanopia
45402F

Deuteranopia
4C3E2E



Tritanopia
503B3F

Trichromacy



Original Color
4E3D2E

Protanomaly
483F2F

Deuteranomaly
4D3E2E

Tritanomaly
4F3C39

Monochromacy



Original Color
4E3D2E

Achromatopsia
404040

Achromatomaly
453F39

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E3D2E 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 #4E3D2E looks like.

```
.text, #text, p{  
    color:#4E3D2E  
}
```

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 #4E3D2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E3D2E
}
```

Border

The CSS property to change the border of an element to Hex 4E3D2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

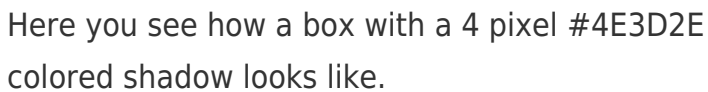
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E3D2E }
```

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

```
.border{ border-color:#4E3D2E }
```

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



Here you see how a box with a 4 pixel #4E3D2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E3D2E; -webkit-box-shadow:4px 4px  
4px 4px #4E3D2E; box-shadow:4px 4px 4px  
4px #4E3D2E }
```

Background

The CSS property to change the background color of an element to Hex 4E3D2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E3D2E }
```

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

```
.background{ background-color:#4E3D2E }
```

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