

Converting Colors

Hex(4E3B2F)

Have a look what the booklet for
Hex(4E3B2F) contains.

Hex(4E3B2F)	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(4E3B2F)

Conversions

Conversions Part 1

Format	Color
Hex	4E3B2F
RGB	78, 59, 47
RGB Percent	31%, 23%, 18%
CMY	0.6941, 0.7686, 0.8157
CMYK	0.00, 0.24, 0.40, 0.69
HSL	23°, 25%, 25%
HSV	23°, 40%, 31%
XYZ	5.2189, 4.9529, 3.3703
YIQ	63.3130, 15.1760, 0.2960

Conversions

Conversions Part 2

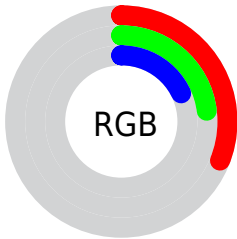
Format	Color
R_YB	78, 67, 47
Decimal	5126959
CIE Lab	26.60, 6.42, 10.65
CIE LCh	27, 12.438, 58.917
Yxy	4.9529, 0.3854, 0.3657
Android (android.graphics.Color)	4283317039 (0xFF4E3B2F)
YUV	63.3130, -8.0423, 12.8805
Hunter-Lab	22.2550, 2.9130, 6.5998




Details

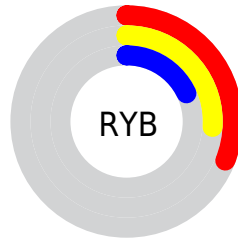
The Hex color **4E3B2F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F424E**, and the grayscale version is **3F3F3F**.




A 20% lighter version of the original color is **806A5D**, and **221100** is the 20% darker color. If you saturate the color by 10%, you get **4E3627**, and if you desaturate by 10%, it is **4E4037**.

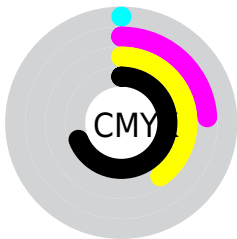
Distribution







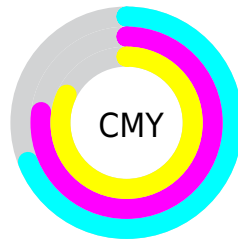
-  Red (31%)
-  Green (23%)
-  Blue (18%)






-  Red (31%)
-  Yellow (26%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (24%)
-  Yellow (40%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (77%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E3B2F 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 4E3B2F by changing the saturation by 10% instead.



4E3B2F



4E3B2F

FFFFFF



37251A



806A5D



221100



9A8376



000000



B59D8F



D1B8AA



EDD4C5



FFF0E1

FFFFFFE



4E3B2F



4E3B2F

■ 4E3627

■ 4E4037

■ 4E311F

■ 4E453F

■ 4E2D18

■ 4E4946

■ 4E2810

■ 4E4E4E

■ 4E2308

■ 4E5356

■ 4E1E00

■ 4E585E

■ 4E5C66

■ 4E616D

■ 4E6675

Harmonies

Analogous

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



523936



4E3B2F



463E2C

Triad

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



4E3B2F



28443E



403D4F

Complementary

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



4E3B2F



2F424E

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.



334052



4E3B2F



234448

Square

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



4E3B2F



314335



27424F



4B3A49

Rectangle

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



4E3B2F



40402D



27424F



3C3E51

Sweetspot

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



4E3B2F



665E5A



4E2F42



332F2C



B3B3B3



333333

Same Dimension

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



4E3B2F



664835



4E4A2F



262422



662700



E65900

Inverse Universe

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



2F424E



355366



2F334E



222526



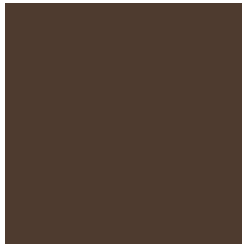
003F66



008DE6

Previews

White Background



This preview shows how the Hex color 4E3B2F looks on a white background.

Color Contrast Check

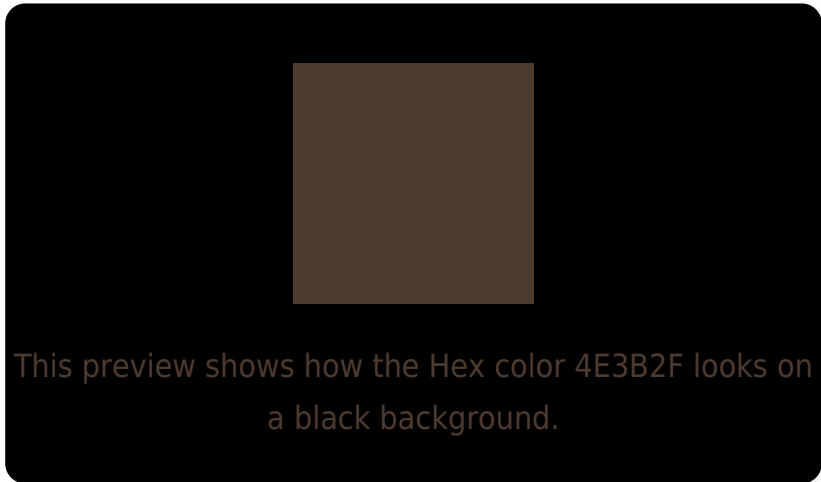
Large Text (above 18pt) WCAG AA ✓ Pass

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

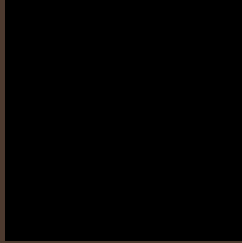
Any Text WCAG AA × Fail

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 4E3B2F Background



This preview shows how black text looks on a background with the Hex color 4E3B2F.

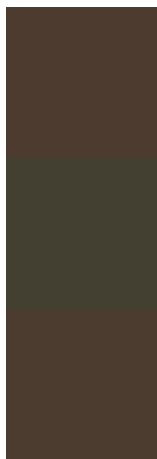


This preview shows how white text looks on a background with the Hex color 4E3B2F.

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

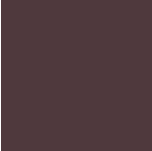
4E3B2F

Protanopia

433F31

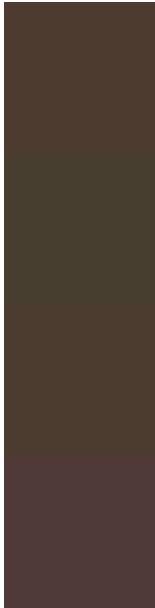
Deuteranopia

4B3C2F



Tritanopia
4F393D

Trichromacy



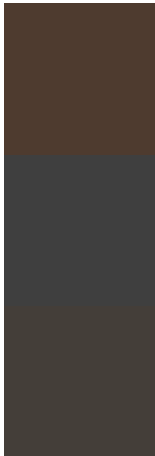
Original Color
4E3B2F

Protanomaly
473E30

Deuteranomaly
4C3C2F

Tritanomaly
4F3A38

Monochromacy



Original Color
4E3B2F

Achromatopsia
3F3F3F

Achromatomaly
443E39

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E3B2F 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 #4E3B2F looks like.

```
.text, #text, p{  
    color:#4E3B2F  
}
```

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 #4E3B2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E3B2F  
}
```

Border

The CSS property to change the border of an element to Hex 4E3B2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

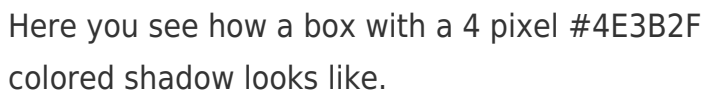
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4E3B2F }
```

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

```
.border{ border-color:#4E3B2F }
```

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



Here you see how a box with a 4 pixel #4E3B2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E3B2F; -webkit-box-shadow:4px 4px  
4px 4px #4E3B2F; box-shadow:4px 4px 4px  
4px #4E3B2F }
```

Background

The CSS property to change the background color of an element to Hex 4E3B2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E3B2F }
```

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

```
.background{ background-color:#4E3B2F }
```

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