

Converting Colors

Hex(4E4436)

Have a look what the booklet for
Hex(4E4436) contains.

Hex(4E4436)	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(4E4436)

Conversions

Conversions Part 1

Format	Color
Hex	4E4436
RGB	78, 68, 54
RGB Percent	31%, 27%, 21%
CMY	0.6941, 0.7333, 0.7882
CMYK	0.00, 0.13, 0.31, 0.69
HSL	35°, 18%, 26%
HSV	35°, 31%, 31%
XYZ	5.8749, 6.0203, 4.3424
YIQ	69.3940, 10.4540, -2.2340

Conversions

Conversions Part 2

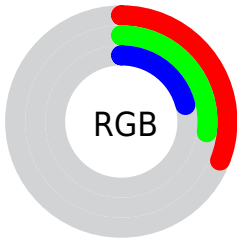
Format	Color
R_{YB}	71, 78, 54
Decimal	5129270
CIE Lab	29.46, 1.73, 10.05
CIE LCh	29, 10.202, 80.245
Yxy	6.0203, 0.3618, 0.3708
Android (android.graphics.Color)	4283319350 (0xFF4E4436)
YUV	69.3940, -7.5892, 7.5475
Hunter-Lab	24.5363, -0.1992, 6.6823

Details

The Hex color **4E4436** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36404E**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7F7465**, and **22190A** is the 20% darker color. If you saturate the color by 10%, you get **4E412E**, and if you desaturate by 10%, it is **4E473E**.

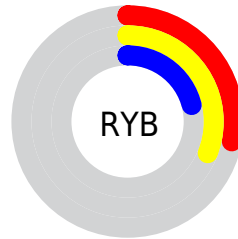
Distribution



Red (31%)

Green (27%)

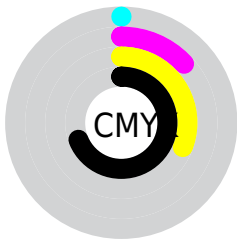
Blue (21%)



Red (28%)

Yellow (31%)

Blue (21%)

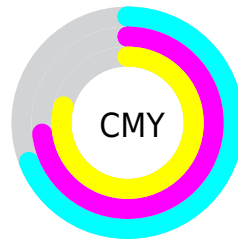


Cyan (0%)

Magenta (13%)

Yellow (31%)

Black (69%)



Cyan (69%)

Magenta (73%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E4436 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 4E4436 by changing the saturation by 10% instead.



4E4436



4E4436

FFFFFF



372E21



7F7465



22190A



9A8E7E



000000



B4A898



D0C3B2



ECDFCE



FFFCEA



4E4436



4E4436



4E412E



4E473E

■ 4E3D26

■ 4E4B46

■ 4E3A1F

■ 4E4E4D

■ 4E3717

■ 4E5155

■ 4E340F

■ 4E545D

■ 4E3007

■ 4E5865

■ 4E2D00

■ 4E5B6D

■ 4E5E74

■ 4E617C

Harmonies

Analogous

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



54423A



4E4436



464737

Triad

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



4E4436



304A4B



4D4250

Complementary

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



4E4436



36404E

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.



434454



4E4436



324951

Square

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



4E4436



354A42



394755



544048

Rectangle

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



4E4436



404839



394755



4A4351

Sweetspot

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



4E4436



66625D



4E3640



33312D



B3B3B3



333333

Same Dimension

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



4E4436



665640



4C4E36



262522



663B00



E68600

Inverse Universe

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



36404E



405066



38364E



222426



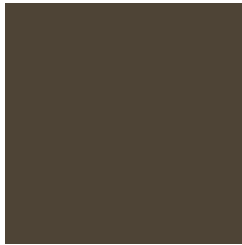
002B66



0060E6

Previews

White Background



This preview shows how the Hex color 4E4436 looks on a white background.

Color Contrast Check

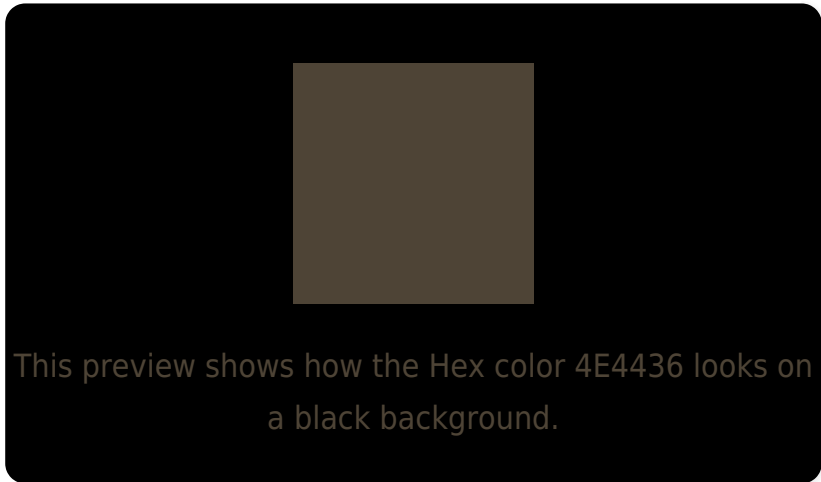
Large Text (above 18pt) WCAG AA ✓ Pass

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

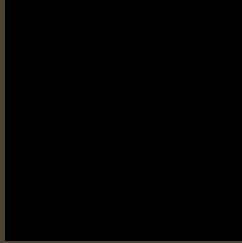
Any Text WCAG AA × Fail

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 4E4436 Background



This preview shows how black text looks on a background with the Hex color 4E4436.

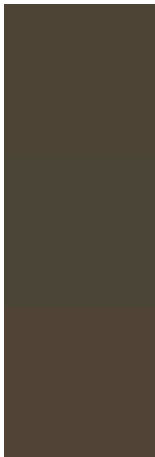


This preview shows how white text looks on a background with the Hex color 4E4436.

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
4E4436

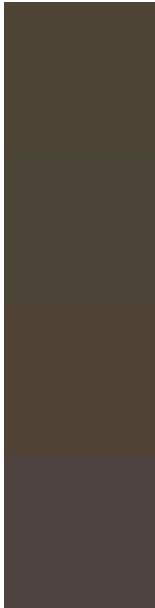
Protanopia
4A4537

Deuteranopia
514336



Tritanopia
504247

Trichromacy



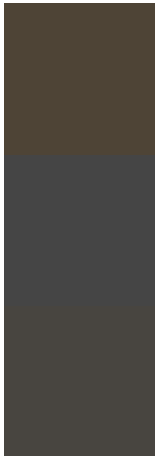
Original Color
4E4436

Protanomaly
4B4537

Deuteranomaly
504336

Tritanomaly
4F4341

Monochromacy



Original Color
4E4436

Achromatopsia
454545

Achromatomaly
484540

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E4436 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 #4E4436 looks like.

```
.text, #text, p{  
    color:#4E4436  
}
```

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 #4E4436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E4436
}
```

Border

The CSS property to change the border of an element to Hex 4E4436 is called "border". The border property can be set on classes, ids or directly on the HTML element.

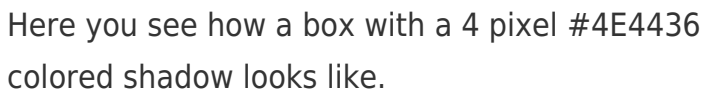
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E4436 }
```

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

```
.border{ border-color:#4E4436 }
```

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



Here you see how a box with a 4 pixel #4E4436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E4436; -webkit-box-shadow:4px 4px  
4px 4px #4E4436; box-shadow:4px 4px 4px  
4px #4E4436 }
```

Background

The CSS property to change the background color of an element to Hex 4E4436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E4436 }
```

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

```
.background{ background-color:#4E4436 }
```

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