

Converting Colors

Hex(4E4736)

Have a look what the booklet for
Hex(4E4736) contains.

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Color

Hex(4E4736)

Conversions

Conversions Part 1

Format	Color
Hex	4E4736
RGB	78, 71, 54
RGB Percent	31%, 28%, 21%
CMY	0.6941, 0.7216, 0.7882
CMYK	0.00, 0.09, 0.31, 0.69
HSL	42°, 18%, 26%
HSV	42°, 31%, 31%
XYZ	6.0610, 6.3925, 4.4045
YIQ	71.1550, 9.6290, -3.8030

Conversions

Conversions Part 2

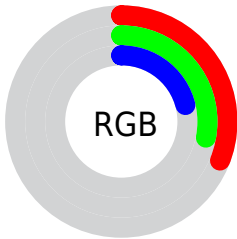
Format	Color
RYB	64, 78, 54
Decimal	5130038
CIELab	30.38, -0.16, 11.31
CIElCh	30, 11.315, 90.829
Yxy	6.3925, 0.3595, 0.3792
Android (android.graphics.Color)	4283320118 (0xFF4E4736)
YUV	71.1550, -8.4574, 6.0031
Hunter-Lab	25.2834, -1.4557, 7.3699




Details

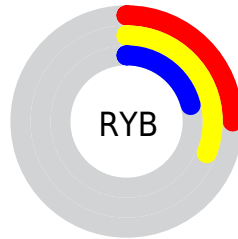
The Hex color **4E4736** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **363D4E**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **7F7765**, and **221C0A** is the 20% darker color. If you saturate the color by 10%, you get **4E452E**, and if you desaturate by 10%, it is **4E493E**.

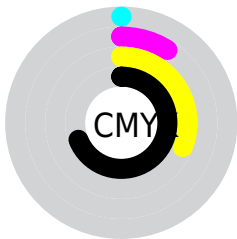
Distribution







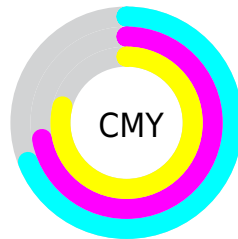
-  Red (31%)
-  Green (28%)
-  Blue (21%)






-  Red (25%)
-  Yellow (31%)
-  Blue (21%)



-  Cyan (0%)
-  Magenta (9%)
-  Yellow (31%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (72%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E4736 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 4E4736 by changing the saturation by 10% instead.

■ 4E4736

■ 4E4736

FFFFFF

■ 373121

■ 7F7765

■ 221C0A

■ 99917E

■ 020100

■ B4AB98

■ 000000

■ D0C7B2

■ ECE3CE

■ FFFFEA

■ 4E4736

■ 4E4736

■ 4E452E

■ 4E493E

■ 4E4226

■ 4E4C46

■ 4E401F

■ 4E4E4D

■ 4E3E17

■ 4E5055

■ 4E3C0F

■ 4E525D

■ 4E3907

■ 4E5565

■ 4E3700

■ 4E576D

■ 4E5974

■ 4E5B7C

Harmonies

Analogous

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



564438



4E4736



444A38

Triad

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



4E4736



2F4C50



534350

Complementary

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



4E4736



363D4E

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.



494557



4E4736



334B57

Square

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



4E4736



324D47



3E4859



594148

Rectangle

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



4E4736



3E4B3C



3E4859



504353

Sweetspot

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



4E4736



66635D



4E363D



33312D



B3B3B3



333333

Same Dimension

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



4E4736



665B40



494E36



262522



664800



E6A300

Inverse Universe

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



363D4E



404B66



3B364E



222426



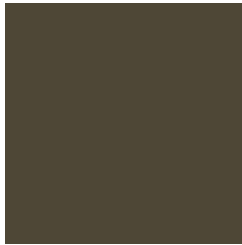
001E66



0043E6

Previews

White Background



This preview shows how the Hex color 4E4736 looks on a white background.

Color Contrast Check

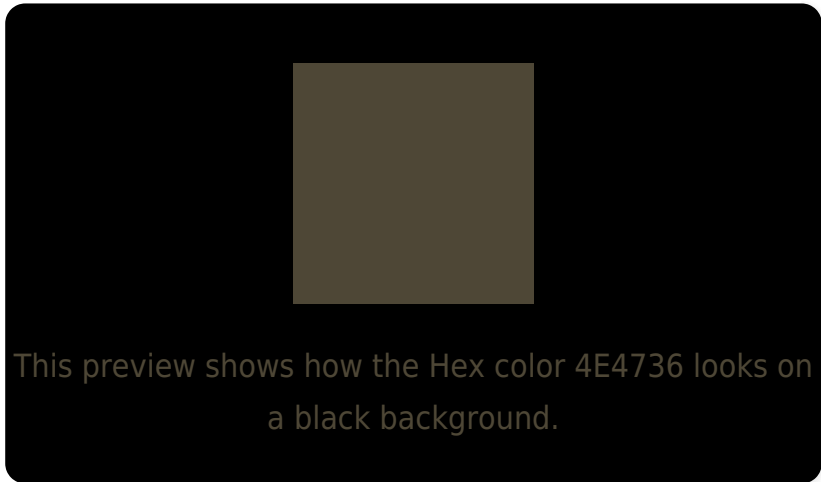
Large Text (above 18pt) WCAG AA ✓ Pass

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

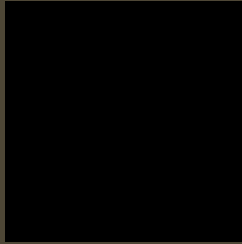
Any Text WCAG AA × Fail

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 4E4736 Background



This preview shows how black text looks on a background with the Hex color 4E4736.

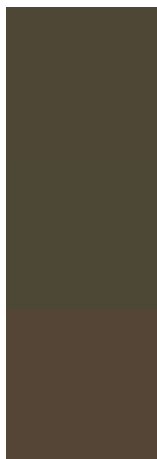


This preview shows how white text looks on a background with the Hex color 4E4736.

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

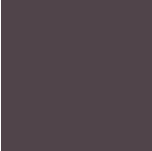
4E4736

Protanopia

4D4736

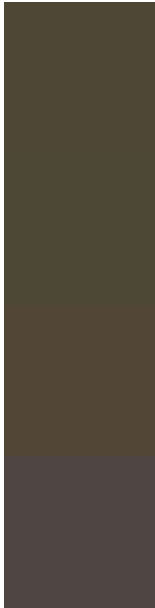
Deuteranopia

544536



Tritanopia
50444A

Trichromacy



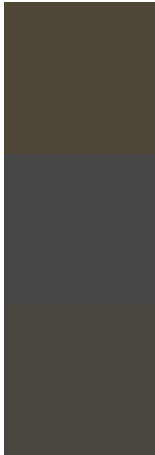
Original Color
4E4736

Protanomaly
4D4736

Deuteranomaly
524636

Tritanomaly
4F4543

Monochromacy



Original Color
4E4736

Achromatopsia
474747

Achromatomaly
4A4741

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E4736 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 #4E4736 looks like.

```
.text, #text, p{  
    color:#4E4736  
}
```

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 #4E4736 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E4736  
}
```

Border

The CSS property to change the border of an element to Hex 4E4736 is called "border". The border property can be set on classes, ids or directly on the HTML element.

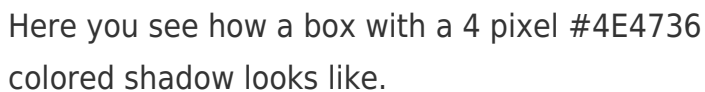
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4E4736 }
```

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

```
.border{ border-color:#4E4736 }
```

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



Here you see how a box with a 4 pixel #4E4736 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E4736; -webkit-box-shadow:4px 4px  
4px 4px #4E4736; box-shadow:4px 4px 4px  
4px #4E4736 }
```

Background

The CSS property to change the background color of an element to Hex 4E4736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E4736 }
```

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

```
.background{ background-color:#4E4736 }
```

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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