

# Converting Colors

Hex(4E4C46)

Have a look what the booklet for  
Hex(4E4C46) contains.

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# Color

Hex(4E4C46)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E4C46
RGB	78, 76, 70
RGB Percent	31%, 30%, 27%
CMY	0.6941, 0.7020, 0.7255
CMYK	0.00, 0.03, 0.10, 0.69
HSL	45°, 5%, 29%
HSV	45°, 10%, 31%
XYZ	6.8318, 7.2308, 6.8300
YIQ	75.9140, 3.1180, -1.4420

# Conversions

## Conversions Part 2

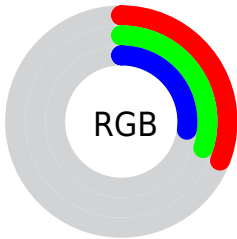
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 78, 70
Decimal	5131334
CIELab	32.33, -0.41, 3.86
CIELCh	32, 3.878, 96.118
Yxy	7.2308, 0.3270, 0.3461
Android (android.graphics.Color)	4283321414 (0xFF4E4C46)
YUV	75.9140, -2.9156, 1.8294
Hunter-Lab	26.8901, -1.7072, 3.7637

# Details

The Hex color **4E4C46** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **46484E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7F7D76**, and **22201B** is the 20% darker color. If you saturate the color by 10%, you get **4E4A3E**, and if you desaturate by 10%, it is **4E4E4E**.

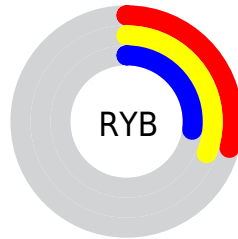
# Distribution



Red (31%)

Green (30%)

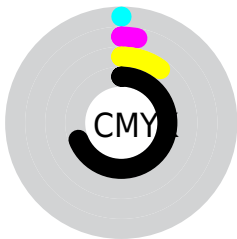
Blue (27%)



Red (29%)

Yellow (31%)

Blue (27%)

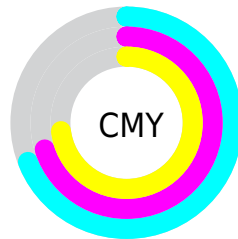


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (69%)



Cyan (69%)

Magenta (70%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E4C46 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 4E4C46 by changing the saturation by 10% instead.





4E4C46



4E4C46

FFFFFF



373530



7F7D76



22201B



999790



0C0800



B4B1AA



000000



CF CDC6



EBE9E2

FFFFFFE



4E4C46



4E4C46



4E4A3E



4E4E4E

■ 4E4836

■ 4E5056

■ 4E462F

■ 4E525D

■ 4E4427

■ 4E5465

■ 4E421F

■ 4E566D

■ 4E4017

■ 4E5875

■ 4E3E0F

■ 4E5A7D

■ 4E3C08

■ 4E5C84

■ 4E3A00

■ 4E5E8C

# Harmonies

## Analogous

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



514B47



4E4C46



4A4D47

# Triad

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



4E4C46



454E4F



514A4F

# Complementary

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



4E4C46



46484E

# 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.



4D4B51



4E4C46



464D51

# Square

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



4E4C46



454E4D



4A4C52



534A4B

# Rectangle

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



4E4C46



484D49



4A4C52



504B4F



# Sweetspot

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



4E4C46



666563



4E4648



333231



B3B3B3



333333



# Same Dimension

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



4E4C46



66635A



4C4E46



262522



664C00



E6AC00



# Inverse Universe

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



46484E



5A5D66



48464E



222326



001A66



0039E6



# Previews

## White Background



This preview shows how the Hex color 4E4C46 looks on a white background.

## Color Contrast Check

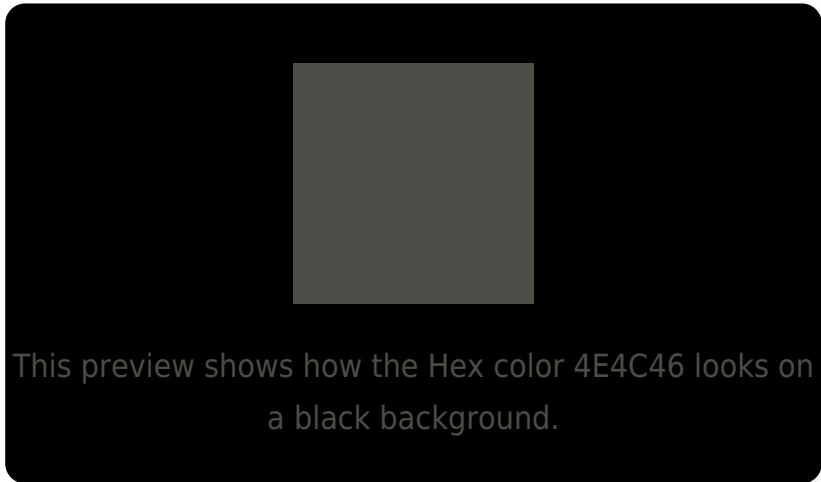
Large Text (above 18pt) WCAG AA ✓ Pass

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

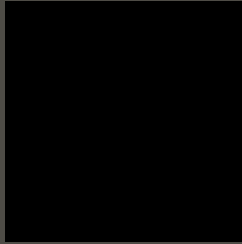
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

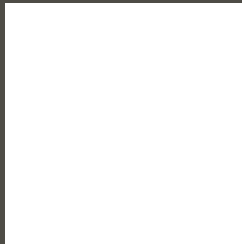
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4E4C46 Background



This preview shows how black text looks on a background with the Hex color 4E4C46.



This preview shows how white text looks on a background with the Hex color 4E4C46.

# 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**

4E4C46

**Protanopia**

4F4C46

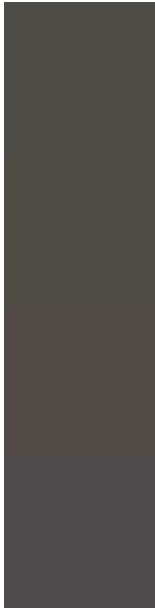
**Deuteranopia**

554947



**Tritanopia**  
4F4A50

# Trichromacy



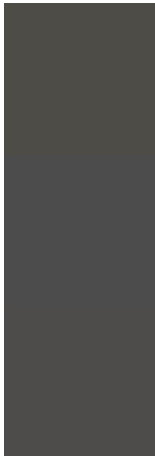
**Original Color**  
4E4C46

**Protanomaly**  
4F4C46

**Deuteranomaly**  
524A47

**Tritanomaly**  
4F4B4C

# Monochromacy



**Original Color**  
4E4C46

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
4D4C4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E4C46 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 #4E4C46 looks like.

```
.text, #text, p{  
    color:#4E4C46  
}
```

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 #4E4C46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E4C46
}
```

## Border

The CSS property to change the border of an element to Hex 4E4C46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

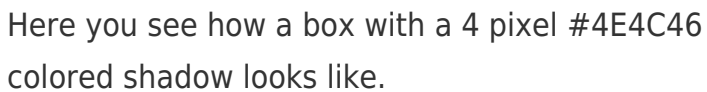
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E4C46 }
```

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

```
.border{ border-color:#4E4C46 }
```

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



Here you see how a box with a 4 pixel #4E4C46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E4C46; -webkit-box-shadow:4px 4px  
4px 4px #4E4C46; box-shadow:4px 4px 4px  
4px #4E4C46 }
```

# Background

The CSS property to change the background color of an element to Hex 4E4C46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E4C46 }
```

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

```
.background{ background-color:#4E4C46 }
```

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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