

# Converting Colors

Hex(4E3E4E)

Have a look what the booklet for  
Hex(4E3E4E) contains.

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# Color

**Hex(4E3E4E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E3E4E
RGB	78, 62, 78
RGB Percent	31%, 24%, 31%
CMY	0.6941, 0.7569, 0.6941
CMYK	0.00, 0.21, 0.00, 0.69
HSL	300°, 11%, 27%
HSV	300°, 21%, 31%
XYZ	6.2397, 5.6150, 7.9627
YIQ	68.6080, 4.4000, 8.3680

# Conversions

## Conversions Part 2

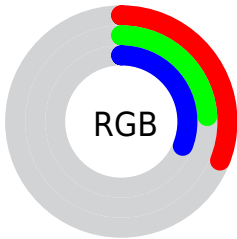
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 62, 78
Decimal	5127758
CIE Lab	28.42, 10.24, -7.05
CIE LCh	28, 12.431, 325.445
Yxy	5.6150, 0.3149, 0.2833
Android (android.graphics.Color)	4283317838 (0xFF4E3E4E)
YUV	68.6080, 4.6303, 8.2368
Hunter-Lab	23.6960, 5.5348, -3.3363

# Details

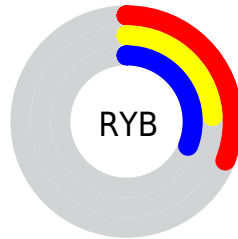
The Hex color **4E3E4E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E4E3E**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7F6E7F**, and **211422** is the 20% darker color. If you saturate the color by 10%, you get **4E364E**, and if you desaturate by 10%, it is **4E464E**.

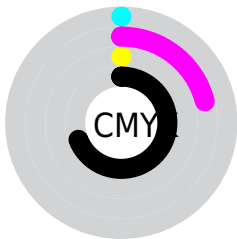
# Distribution



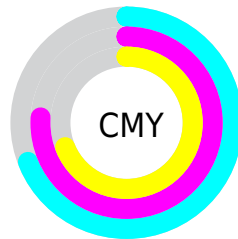
- Red (31%)
- Green (24%)
- Blue (31%)



- Red (31%)
- Yellow (24%)
- Blue (31%)



- Cyan (0%)
- Magenta (21%)
- Yellow (0%)
- Black (69%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E3E4E 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 4E3E4E by changing the saturation by 10% instead.





4E3E4E



4E3E4E

FFFFFF



372837



7F6E7F



211422



998799



04000B



B4A1B4



000000



D0BCCF



ECD8EB



FFF4FF



4E3E4E



4E3E4E



4E364E



4E464E

■ 4E2E4E

■ 4E4E4E

■ 4E274E

■ 4E554E

■ 4E1F4E

■ 4E5D4E

■ 4E174E

■ 4E654E

■ 4E0F4E

■ 4E6D4E

■ 4E074E

■ 4E754E

■ 4E004E

■ 4E7C4E

■ 4E844E

# Harmonies

## Analogous

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



434154



4E3E4E



553C45

# Triad

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



4E3E4E



4C4230



27484B

# Complementary

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



4E3E4E



3E4E3E

# 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.



2D4841



4E3E4E



414532

# Square

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



4E3E4E



533F34



364738



2B4752

# Rectangle

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



4E3E4E



573C3E



364738



284848



# Sweetspot

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



4E3E4E



666066



3E3E4E



332F33



B3B3B3



333333



# Same Dimension

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



4E3E4E



664D66



4E3E46



262226



660066



E600E6



# Inverse Universe

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



4E3E4E



664D66



3E4E46



262226



660066



E600E6



# Previews

## White Background



This preview shows how the Hex color 4E3E4E looks on a white background.

## Color Contrast Check

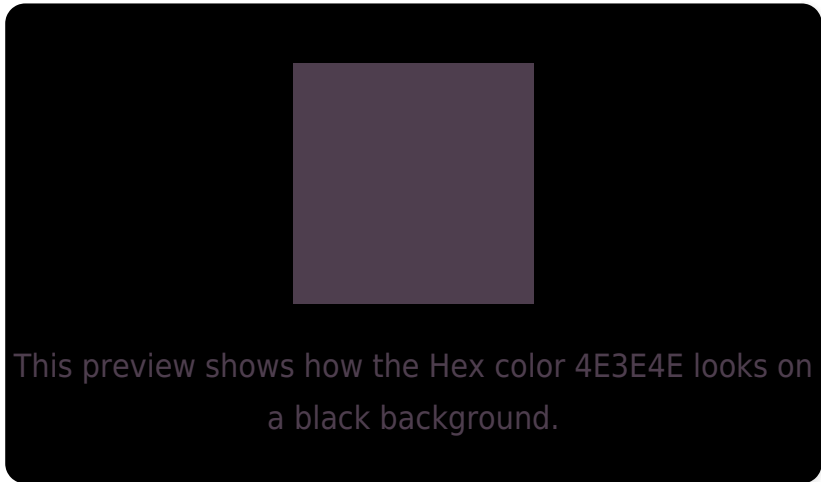
Large Text (above 18pt) WCAG AA ✓ Pass

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

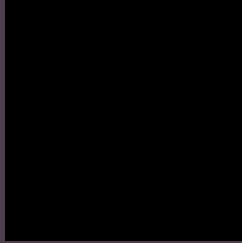
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E3E4E Background



This preview shows how black text looks on a background with the Hex color 4E3E4E.



This preview shows how white text looks on a background with the Hex color 4E3E4E.

# 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**  
4E3E4E

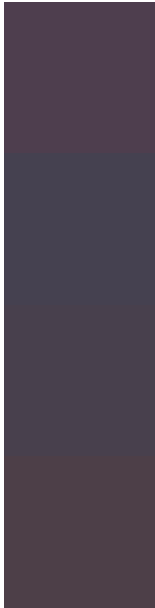
**Protanopia**  
404351

**Deuteranopia**  
45414D



**Tritanopia**  
4D4045

# Trichromacy



**Original Color**  
4E3E4E

**Protanomaly**  
454150

**Deuteranomaly**  
48404D

**Tritanomaly**  
4D3F48

# Monochromacy



**Original Color**  
4E3E4E

**Achromatopsia**  
454545

**Achromatomaly**  
484248

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E3E4E 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 #4E3E4E looks like.

```
.text, #text, p{  
    color:#4E3E4E  
}
```

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 #4E3E4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E3E4E
}
```

## Border

The CSS property to change the border of an element to Hex 4E3E4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

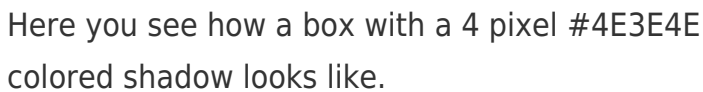
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E3E4E }
```

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

```
.border{ border-color:#4E3E4E }
```

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



Here you see how a box with a 4 pixel #4E3E4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E3E4E; -webkit-box-shadow:4px 4px  
4px 4px #4E3E4E; box-shadow:4px 4px 4px  
4px #4E3E4E }
```

# Background

The CSS property to change the background color of an element to Hex 4E3E4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E3E4E }
```

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

```
.background{ background-color:#4E3E4E }
```

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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