

# Converting Colors

Hex(3E4D3C)

Have a look what the booklet for  
Hex(3E4D3C) contains.

<b>Hex(3E4D3C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(3E4D3C)

# Conversions

## Conversions Part 1

Format	Color
Hex	3E4D3C
RGB	62, 77, 60
RGB Percent	24%, 30%, 24%
CMY	0.7569, 0.6980, 0.7647
CMYK	0.19, 0.00, 0.22, 0.70
HSL	113°, 12%, 27%
HSV	113°, 22%, 30%
XYZ	5.4561, 6.6581, 5.2725
YIQ	70.5770, -3.4830, -8.4670

# Conversions

## Conversions Part 2

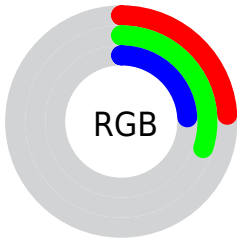
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 77, 75
Decimal	4083004
CIELab	31.02, -9.77, 8.16
CIElCh	31, 12.735, 140.134
Yxy	6.6581, 0.3138, 0.3829
Android (android.graphics.Color)	4282273084 (0xFF3E4D3C)
YUV	70.5770, -5.2145, -7.5220
Hunter-Lab	25.8034, -7.4122, 5.9473

# Details

The Hex color **3E4D3C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4B3C4D**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6E7E6B**, and **132112** is the 20% darker color. If you saturate the color by 10%, you get **374D34**, and if you desaturate by 10%, it is **454D44**.

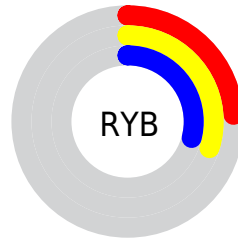
# Distribution



Red (24%)

Green (30%)

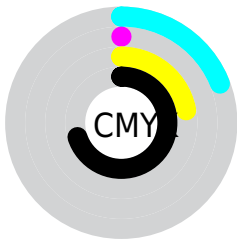
Blue (24%)



Red (24%)

Yellow (30%)

Blue (29%)

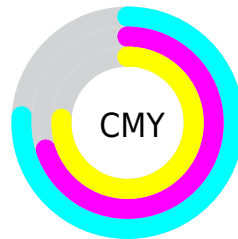


Cyan (19%)

Magenta (0%)

Yellow (22%)

Black (70%)



Cyan (76%)

Magenta (70%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E4D3C 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 3E4D3C by changing the saturation by 10% instead.





3E4D3C



3E4D3C

FFFFFF



283626



6E7E6B



132112



879885



000700



A1B39F



000000



BCCEBA



D8EAD5



F5FFF2



3E4D3C



3E4D3C



374D34



454D44

■ 304D2D

■ 4C4D4B

■ 2A4D25

■ 524D53

■ 234D1D

■ 594D5B

■ 1C4D16

■ 604D63

■ 154D0E

■ 674D6A

■ 0E4D06

■ 6E4D72

■ 094D00

■ 744D7A

■ 7B4D81

# Harmonies

## Analogous

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



494A36



3E4D3C



334E45

# Triad

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



3E4D3C



394B5C



5D4243

# Complementary

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



3E4D3C



4B3C4D

# 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.



5B424D



3E4D3C



46485C

# Square

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



3E4D3C



2F4D58



534456



5B443A

# Rectangle

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



3E4D3C



2E4F4C



534456



5D4246



# Sweetspot

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



3E4D3C



5D635C



4D4B3C



2F332F



B3B3B3



333333



# Same Dimension

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



3E4D3C



4D634A



3C4D42



232622



0C6600



1BE600



# Inverse Universe

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



4B3C4D



604A63



4D3C47



262226



5A0066



CB00E6



# Previews

## White Background



This preview shows how the Hex color 3E4D3C 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

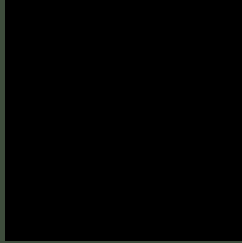
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E4D3C Background



This preview shows how black text looks on a background with the Hex color 3E4D3C.



This preview shows how white text looks on a background with the Hex color 3E4D3C.

# 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](#).

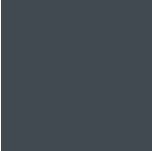
## Dichromacy



**Original Color**  
3E4D3C

**Protanopia**  
4D493A

**Deuteranopia**  
54463D



**Tritanopia**  
414A50

# Trichromacy



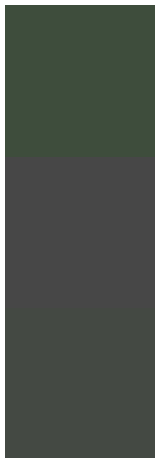
**Original Color**  
3E4D3C

**Protanomaly**  
484A3B

**Deuteranomaly**  
4C493D

**Tritanomaly**  
404B49

# Monochromacy



**Original Color**  
3E4D3C

**Achromatopsia**  
474747

**Achromatomaly**  
444943

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E4D3C 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 #3E4D3C looks like.

```
.text, #text, p{  
    color:#3E4D3C  
}
```

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 #3E4D3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4D3C
}
```

## Border

The CSS property to change the border of an element to Hex 3E4D3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

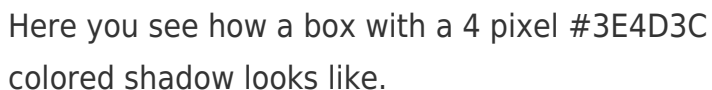
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E4D3C }
```

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

```
.border{ border-color:#3E4D3C }
```

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



Here you see how a box with a 4 pixel #3E4D3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4D3C; -webkit-box-shadow:4px 4px  
4px 4px #3E4D3C; box-shadow:4px 4px 4px  
4px #3E4D3C }
```

# Background

The CSS property to change the background color of an element to Hex 3E4D3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4D3C }
```

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

```
.background{ background-color:#3E4D3C }
```

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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