

# Converting Colors

Hex(7E4C4E)

Have a look what the booklet for  
Hex(7E4C4E) contains.

<b>Hex(7E4C4E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(7E4C4E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E4C4E
RGB	126, 76, 78
RGB Percent	49%, 30%, 31%
CMY	0.5059, 0.7020, 0.6941
CMYK	0.00, 0.40, 0.38, 0.51
HSL	358°, 25%, 40%
HSV	358°, 40%, 49%
XYZ	12.5638, 10.1546, 8.5056
YIQ	91.1780, 29.1580, 11.2220

# Conversions

## Conversions Part 2

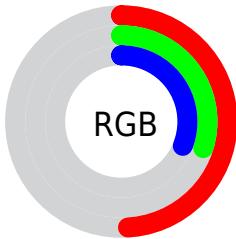
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 76, 78
Decimal	8277070
CIE <sub>Lab</sub>	38.12, 21.43, 7.81
CIE <sub>LCh</sub>	38, 22.811, 20.027
Yxy	10.1546, 0.4024, 0.3252
Android (android.graphics.Color)	4286467150 (0xFF7E4C4E)
YUV	91.1780, -6.4968, 30.5389
Hunter-Lab	31.8662, 14.6106, 6.4810

# Details

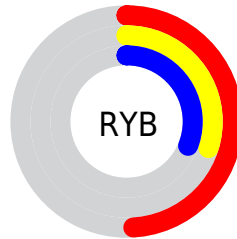
The Hex color **7E4C4E** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4C7E7C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **B47E7F**, and **4B1E22** is the 20% darker color. If you saturate the color by 10%, you get **7E3F42**, and if you desaturate by 10%, it is **7E595A**.

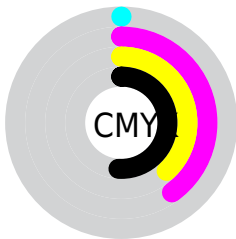
# Distribution



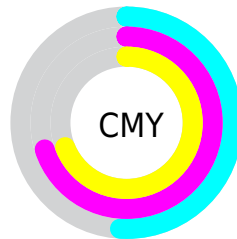
- Red (49%)
- Green (30%)
- Blue (31%)



- Red (49%)
- Yellow (30%)
- Blue (31%)



- Cyan (0%)
- Magenta (40%)
- Yellow (38%)
- Black (51%)



- Cyan (51%)
- Magenta (70%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E4C4E 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 7E4C4E by changing the saturation by 10% instead.



 7E4C4E

 7E4C4E

FFFFFF

 643537

 B47E7F

 4B1E22

 D09899

 33080C

 EDB3B4

 1A0001

 FFCECF

 000000

 FFEBEB

 7E4C4E

 7E4C4E

 7E3F42

 7E595A

 7E3336

 7E6566

 7E262A

 7E7272

 7E1A1E

 7E7E7E

 7E0D12

 7E8B8A

 7E0005

 7E9897

 7EA4A3

 7EB1AF

 7EBDBB

# Harmonies

## Analogous

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



7A4C61



7E4C4E



79503E

# Triad

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



7E4C4E



446141



355D7E

# Complementary

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



7E4C4E



4C7E7C

# 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.



186275



7E4C4E



2D6353

# Square

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



7E4C4E



5A5C37



166466



53577C

# Rectangle

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



7E4C4E



715437



166466



2B5F7C



# Sweetspot

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



7E4C4E



A39090



7B4C7E



524647



D1D1D1



525252



# Same Dimension

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



7E4C4E



A35558



7E634C



40393A



800005



000000



# Inverse Universe

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



7E4C4E



A35558



4C687E



40393A



800005

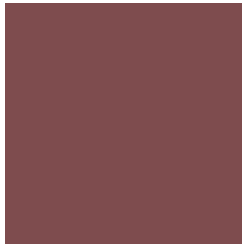


000000



# Previews

## White Background



This preview shows how the Hex color 7E4C4E looks on a white background.

## Color Contrast Check

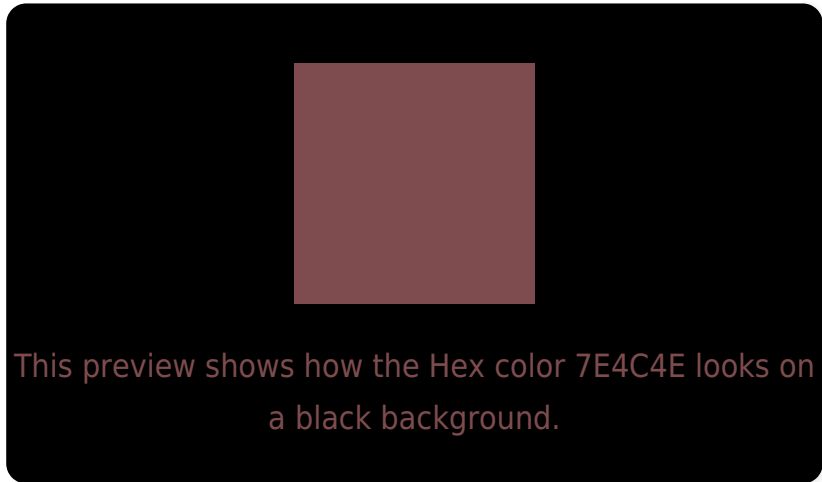
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

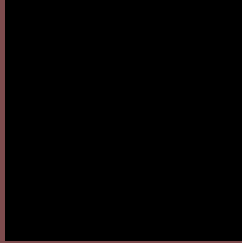
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E4C4E Background



This preview shows how black text looks on a background with the Hex color 7E4C4E.



This preview shows how white text looks on a background with the Hex color 7E4C4E.

# 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**  
7E4C4E

**Protanopia**  
5D5A55

**Deuteranopia**  
68574C



**Tritanopia**  
7E4C51

# Trichromacy



**Original Color**  
7E4C4E

**Protanomaly**  
695552

**Deuteranomaly**  
70534D

**Tritanomaly**  
7E4C50

# Monochromacy



**Original Color**  
7E4C4E

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
685656

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E4C4E 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 #7E4C4E looks like.

```
.text, #text, p{  
  color:#7E4C4E  
}
```

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 #7E4C4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E4C4E
}
```

## Border

The CSS property to change the border of an element to Hex 7E4C4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

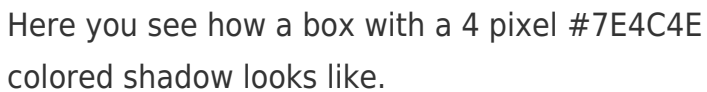
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E4C4E }
```

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

```
.border{ border-color:#7E4C4E }
```

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



Here you see how a box with a 4 pixel #7E4C4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E4C4E; -webkit-box-shadow:4px 4px  
4px 4px #7E4C4E; box-shadow:4px 4px 4px  
4px #7E4C4E }
```

# Background

The CSS property to change the background color of an element to Hex 7E4C4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E4C4E }
```

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

```
.background{ background-color:#7E4C4E }
```

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