

# Converting Colors

Hex(794E3E)

Have a look what the booklet for  
Hex(794E3E) contains.

|  |    |
|--|----|
| <b>Hex(794E3E)</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(794E3E)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>             |
|---------------|--------------------------|
| Hex           | 794E3E                   |
| RGB           | 121, 78, 62              |
| RGB Percent   | 47%, 31%, 24%            |
| CMY           | 0.5255, 0.6941, 0.7569   |
| CMYK          | 0.00, 0.36, 0.49, 0.53   |
| HSL           | 16°, 32%, 36%            |
| HSV           | 16°, 49%, 47%            |
| XYZ           | 11.4790, 9.8615, 5.8559  |
| YIQ           | 89.0330, 30.7640, 4.1400 |

# Conversions

## Conversions Part 2

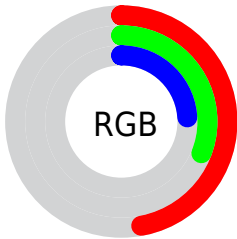
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 121, 84, 62                   |
| Decimal                             | 7949886                       |
| CIE <sub>Lab</sub>                  | 37.59, 16.15, 16.91           |
| CIE <sub>LCh</sub>                  | 38, 23.379, 46.321            |
| Yxy                                 | 9.8615, 0.4221,<br>0.3626     |
| Android<br>(android.graphics.Color) | 4286139966<br>(0xFF794E3E)    |
| YUV                                 | 89.0330, -13.3273,<br>28.0351 |
| Hunter-Lab                          | 31.4031, 10.2934,<br>10.9261  |

# Details

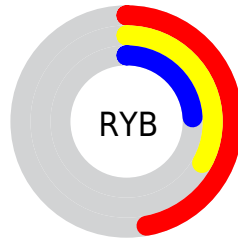
The Hex color **794E3E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3E6979**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **AF7F6E**, and **462113** is the 20% darker color. If you saturate the color by 10%, you get **794532**, and if you desaturate by 10%, it is **79574A**.

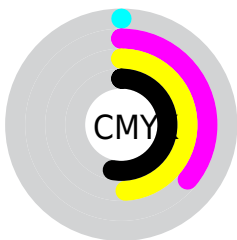
# Distribution



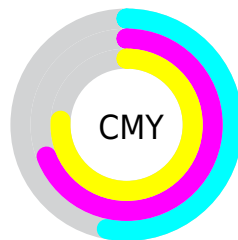
- Red (47%)
- Green (31%)
- Blue (24%)



- Red (47%)
- Yellow (33%)
- Blue (24%)



- Cyan (0%)
- Magenta (36%)
- Yellow (49%)
- Black (53%)



- Cyan (53%)
- Magenta (69%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 794E3E 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 794E3E by changing the saturation by 10% instead.



 794E3E

 794E3E

FFFFFF

 5F3728

 AF7F6E

 462113

 CB9987

 2E0C00

 E8B4A1

 0E0000

 FFD0BC

 000000

 FFECD8

 FFFFF5

 794E3E

 794E3E

 794532

 79574A

 793C26

 796056

 79341A

 796862

 792B0E

 79716E

 792202

 797A7A

 792100

 798387

 798C93

 79959F

 799DAB

# Harmonies

## Analogous

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



7D4A4F



794E3E



6D5434

# Triad

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



794E3E



2D624F



4E577D

# Complementary

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



794E3E



3E6979

# 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.



2E5D7D



794E3E



126362

# Square

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



794E3E



455F3E



0D6173



685073

# Rectangle

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



794E3E



615933



0D6173



44597E



# Sweetspot

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



794E3E



9E8D86



793E69



4F4541



CFCFCF



4F4F4F



# Same Dimension

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



794E3E



9E5A41



796B3E



3D3937



7D2200



FC4400



# Inverse Universe

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



3E6979



41859E



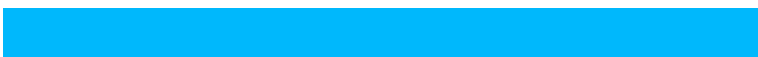
3E4C79



373C3D



005B7D



00B8FC



# Previews

## White Background



This preview shows how the Hex color 794E3E looks on a white background.

## Color Contrast Check

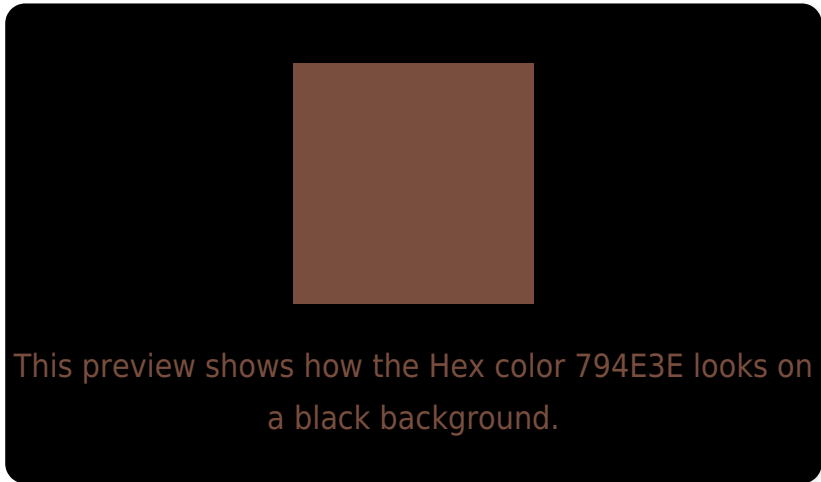
Large Text (above 18pt) WCAG AA ✓ Pass

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

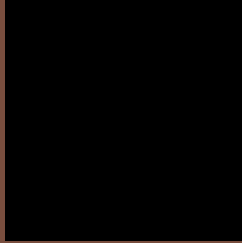
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 794E3E Background



This preview shows how black text looks on a background with the Hex color 794E3E.

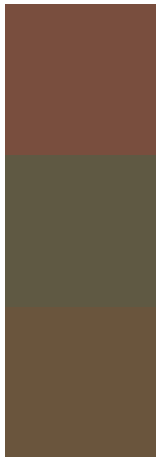


This preview shows how white text looks on a background with the Hex color 794E3E.

# 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**  
794E3E

**Protanopia**  
5F5943

**Deuteranopia**  
6A553D



**Tritanopia**  
7B4B51

# Trichromacy



**Original Color**  
794E3E

**Protanomaly**  
685541

**Deuteranomaly**  
6F523D

**Tritanomaly**  
7A4C4A

# Monochromacy



**Original Color**  
794E3E

**Achromatopsia**  
595959

**Achromatomaly**  
65554F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 794E3E 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 #794E3E looks like.

```
.text, #text, p{  
    color:#794E3E  
}
```

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 #794E3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #794E3E
}
```

## Border

The CSS property to change the border of an element to Hex 794E3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

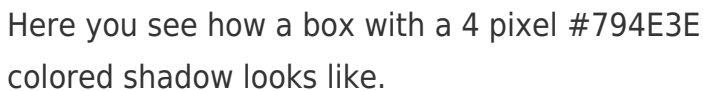
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#794E3E }
```

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

```
.border{ border-color:#794E3E }
```

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



Here you see how a box with a 4 pixel #794E3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #794E3E; -webkit-box-shadow:4px 4px  
4px 4px #794E3E; box-shadow:4px 4px 4px  
4px #794E3E }
```

# Background

The CSS property to change the background color of an element to Hex 794E3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#794E3E }
```

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

```
.background{ background-color:#794E3E }
```

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