

Converting Colors

Hex(794E45)

Have a look what the booklet for
Hex(794E45) contains.

Hex(794E45)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(794E45)

Conversions

Conversions Part 1

Format	Color
Hex	794E45
RGB	121, 78, 69
RGB Percent	47%, 31%, 27%
CMY	0.5255, 0.6941, 0.7294
CMYK	0.00, 0.36, 0.43, 0.53
HSL	10°, 27%, 37%
HSV	10°, 43%, 47%
XYZ	11.6837, 9.9434, 6.9337
YIQ	89.8310, 28.5170, 6.3170

Conversions

Conversions Part 2

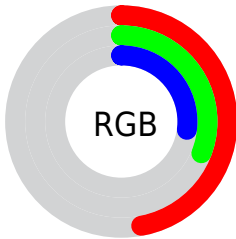
Format	Color
R_{YB}	121, 80, 69
Decimal	7949893
CIE _{Lab}	37.74, 16.97, 12.79
CIE _{LCh}	38, 21.249, 37.006
Yxy	9.9434, 0.4091, 0.3481
Android (android.graphics.Color)	4286139973 (0xFF794E45)
YUV	89.8310, -10.2697, 27.3352
Hunter-Lab	31.5332, 10.9551, 9.0362




Details

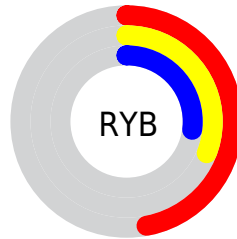
The Hex color **794E45** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **457079**, and the grayscale version is **5A5A5A**.




A 20% lighter version of the original color is **AF7F75**, and **46211A** is the 20% darker color. If you saturate the color by 10%, you get **794439**, and if you desaturate by 10%, it is **795851**.

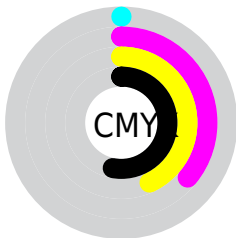
Distribution







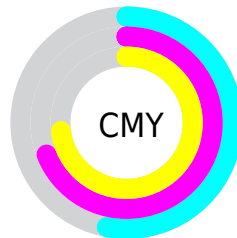
-  Red (47%)
-  Green (31%)
-  Blue (27%)






-  Red (47%)
-  Yellow (31%)
-  Blue (27%)



-  Cyan (0%)
-  Magenta (36%)
-  Yellow (43%)
-  Black (53%)



-  Cyan (53%)
-  Magenta (69%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 794E45 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 794E45 by changing the saturation by 10% instead.

 794E45

 794E45

FFFFFF

 5F372F

 AF7F75

 46211A

 CB9A8F

 2F0C00

 E8B4A9

 110000

 FFD0C5

 000000

 FFECE1

FFFFFFD

 794E45

 794E45

 794439

 795851

 793A2D

 79625D

 793021

 796C69

 792615

 797675

 791C08

 798081

 791500

 798A8E

 79949A

 799EA6

 79A8B2

Harmonies

Analogous

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



7A4C55



794E45



70533A

Triad

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



794E45



39614B



48597B

Complementary

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



794E45



457079

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.



2D5E78



794E45



25625C

Square

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



794E45



4E5E3D



1C616D



605374

Rectangle

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



794E45



665736



1C616D



3E5B7B

Sweetspot

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



794E45



9E8D8A



794570



4F4542



CFCFCF



4F4F4F

Same Dimension

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



794E45



9E5A4C



796845



3D3837



7D1600



FC2C00

Inverse Universe

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



457079



4C909E



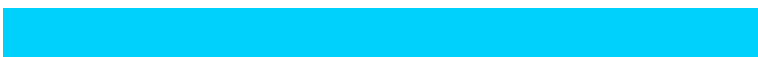
455679



373C3D



00677D



00D1FC

Previews

White Background



This preview shows how the Hex color 794E45 looks on a white background.

Color Contrast Check

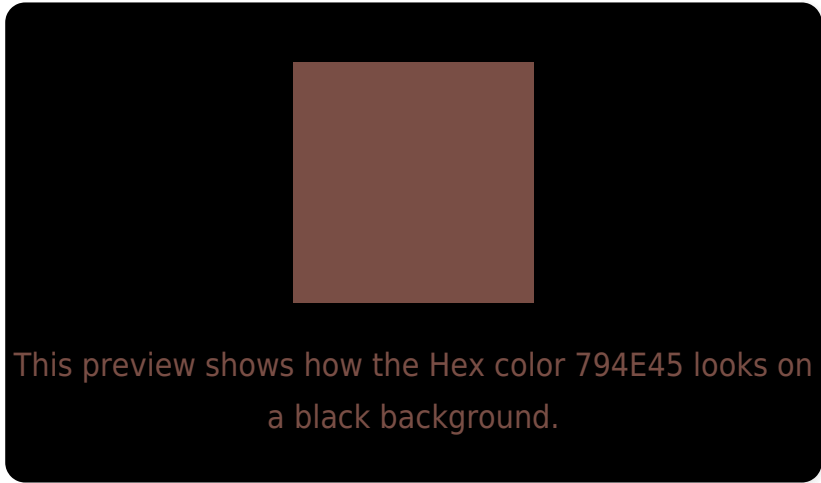
Large Text (above 18pt) WCAG AA ✓ Pass

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

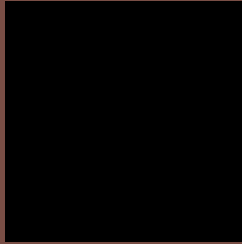
Any Text WCAG AA × Fail

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 794E45 Background



This preview shows how black text looks on a background with the Hex color 794E45.



This preview shows how white text looks on a background with the Hex color 794E45.

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
794E45

Protanopia
5E594A

Deuteranopia
695644



Tritanopia
7A4C52

Trichromacy



Original Color
794E45

Protanomaly
685548

Deuteranomaly
6F5344

Tritanomaly
7A4D4D

Monochromacy



Original Color
794E45

Achromatopsia
5A5A5A

Achromatomaly
655652

CSS Examples

Text

The CSS property to change the color of the text to Hex 794E45 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 #794E45 looks like.

```
.text, #text, p{  
    color:#794E45  
}
```

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 #794E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #794E45
}
```

Border

The CSS property to change the border of an element to Hex 794E45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

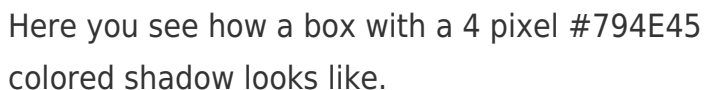
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#794E45 }
```

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

```
.border{ border-color:#794E45 }
```

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



Here you see how a box with a 4 pixel #794E45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #794E45; -webkit-box-shadow:4px 4px  
4px 4px #794E45; box-shadow:4px 4px 4px  
4px #794E45 }
```

Background

The CSS property to change the background color of an element to Hex 794E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#794E45 }
```

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

```
.background{ background-color:#794E45 }
```

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