

# Converting Colors

Hex(795853)

Have a look what the booklet for  
Hex(795853) contains.

<b>Hex(795853)</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(795853)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	795853
RGB	121, 88, 83
RGB Percent	47%, 35%, 33%
CMY	0.5255, 0.6549, 0.6745
CMYK	0.00, 0.27, 0.31, 0.53
HSL	8°, 19%, 40%
HSV	8°, 31%, 47%
XYZ	12.9362, 11.6689, 9.7541
YIQ	97.2970, 21.2730, 5.4410

# Conversions

## Conversions Part 2

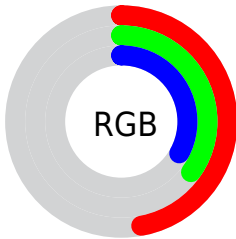
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 89, 83
Decimal	7952467
CIE Lab	40.69, 12.86, 8.24
CIE LCh	41, 15.276, 32.657
Yxy	11.6689, 0.3765, 0.3396
Android (android.graphics.Color)	4286142547 (0xFF795853)
YUV	97.2970, -7.0484, 20.7875
Hunter-Lab	34.1598, 7.8177, 6.9820

# Details

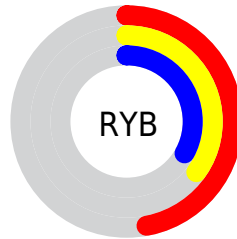
The Hex color **795853** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **537479**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **AE8A84**, and **472A26** is the 20% darker color. If you saturate the color by 10%, you get **794D47**, and if you desaturate by 10%, it is **79635F**.

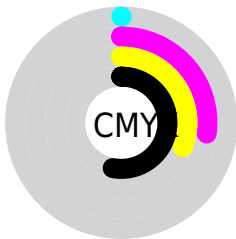
# Distribution



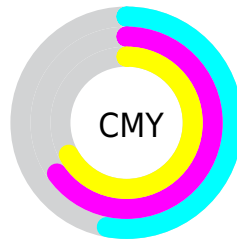
- Red (47%)
- Green (35%)
- Blue (33%)



- Red (47%)
- Yellow (35%)
- Blue (33%)



- Cyan (0%)
- Magenta (27%)
- Yellow (31%)
- Black (53%)



- Cyan (53%)
- Magenta (65%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 795853 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 795853 by changing the saturation by 10% instead.



 795853

 795853

FFFFFF

 60413C

 AE8A84

 472A26

 CAA49F

 301512

 E6C0B9

 1C0000

 FFDBD5

 000000

 FFF8F1

 795853

 795853

 794D47

 79635F

 79433B

 796D6B

 79382F

 797877

 792E23

 798283

 792316

 798D90

 79190A

 79979C

 791000

 79A2A8

 79ACB4

 79B7C0

# Harmonies

## Analogous

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



79575F



795853



735B4A

# Triad

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



795853



4C6654



526179

# Complementary

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



795853



537479

# 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.



436476



795853



416761

# Square

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



795853



5A634B



3C666D



635C75

# Rectangle

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



795853



6C5E47



3C666D



4D6278



# Sweetspot

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



795853



9E9290



795375



4F4746



CFCFCF



4F4F4F



# Same Dimension

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



795853



9E6A62



796A53



3D3837



7D1000



FC2100



# Inverse Universe

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



537479



62969E



536279



373C3D



006D7D



00DBFC



# Previews

## White Background



This preview shows how the Hex color 795853 looks on a white background.

## Color Contrast Check

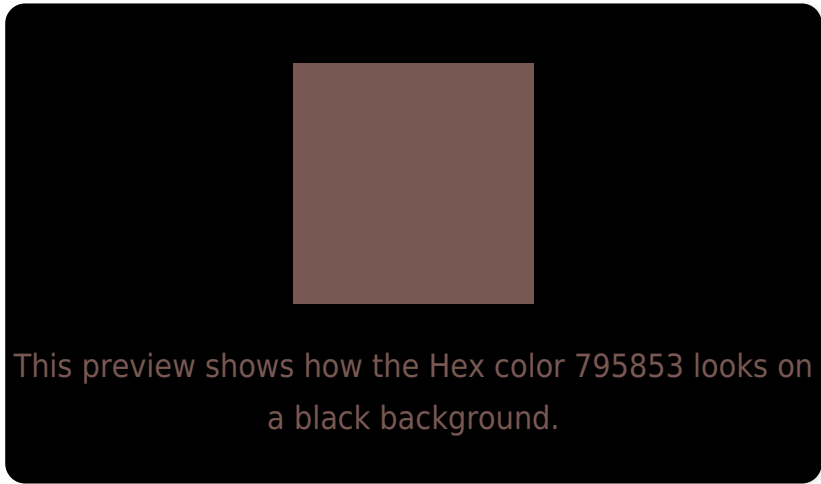
Large Text (above 18pt) WCAG AA ✓ Pass

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

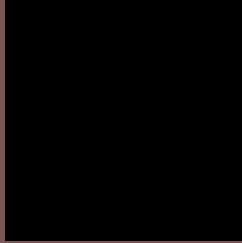
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 795853 Background



This preview shows how black text looks on a background with the Hex color 795853.

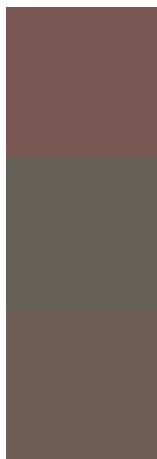


This preview shows how white text looks on a background with the Hex color 795853.

# 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**  
795853

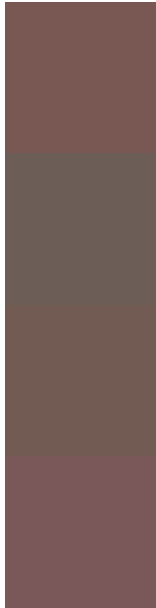
**Protanopia**  
646057

**Deuteranopia**  
6E5D52



**Tritanopia**  
7A565D

# Trichromacy



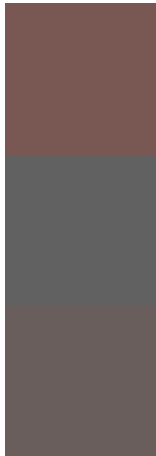
**Original Color**  
795853

**Protanomaly**  
6C5D56

**Deuteranomaly**  
725B52

**Tritanomaly**  
7A5759

# Monochromacy



**Original Color**  
795853

**Achromatopsia**  
616161

**Achromatomaly**  
6A5E5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 795853 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 #795853 looks like.

```
.text, #text, p{  
    color:#795853  
}
```

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 #795853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #795853
}
```

## Border

The CSS property to change the border of an element to Hex 795853 is called "border". The border property can be set on classes, ids or directly on the HTML element.

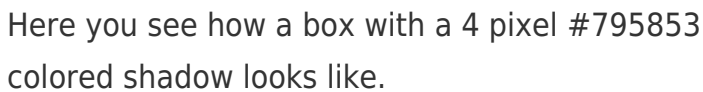
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#795853 }
```

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

```
.border{ border-color:#795853 }
```

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



Here you see how a box with a 4 pixel #795853 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #795853; -webkit-box-shadow:4px 4px  
4px 4px #795853; box-shadow:4px 4px 4px  
4px #795853 }
```

# Background

The CSS property to change the background color of an element to Hex 795853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#795853 }
```

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

```
.background{ background-color:#795853 }
```

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