

# Converting Colors

Hex(795A53)

Have a look what the booklet for  
Hex(795A53) contains.

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**Color**

**Hex(795A53)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	795A53
RGB	121, 90, 83
RGB Percent	47%, 35%, 33%
CMY	0.5255, 0.6471, 0.6745
CMYK	0.00, 0.26, 0.31, 0.53
HSL	11°, 19%, 40%
HSV	11°, 31%, 47%
XYZ	13.1027, 12.0018, 9.8096
YIQ	98.4710, 20.7230, 4.3950

# Conversions

## Conversions Part 2

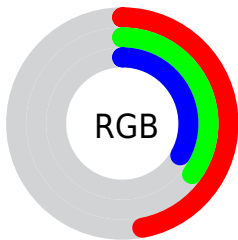
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 92, 83
Decimal	7952979
CIE Lab	41.22, 11.66, 8.99
CIE LCh	41, 14.724, 37.651
Yxy	12.0018, 0.3753, 0.3438
Android (android.graphics.Color)	4286143059 (0xFF795A53)
YUV	98.4710, -7.6272, 19.7579
Hunter-Lab	34.6436, 6.8846, 7.4621

# Details

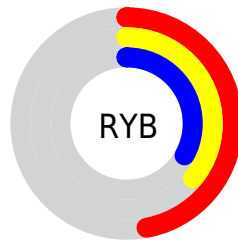
The Hex color **795A53** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **537279**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **AE8C84**, and **472C26** is the 20% darker color. If you saturate the color by 10%, you get **795047**, and if you desaturate by 10%, it is **79645F**.

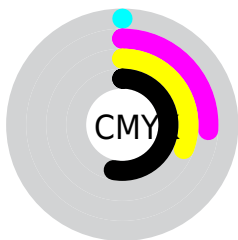
# Distribution



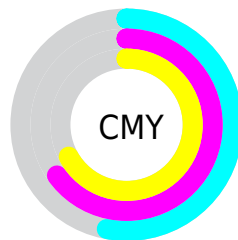
- Red (47%)
- Green (35%)
- Blue (33%)



- Red (47%)
- Yellow (36%)
- Blue (33%)



- Cyan (0%)
- Magenta (26%)
- Yellow (31%)
- Black (53%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 795A53 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 795A53 by changing the saturation by 10% instead.



 795A53

 795A53

FFFFFF

 60423C

 AE8C84

 472C26

 CAA79F

 301712

 E6C2B9

 1C0000

 FFDED5

 000000

 FFFAF2

 795A53

 795A53

 795047

 79645F

 79463B

 796E6B

793C2F

797877

793323

798183

792916

798B90

791F0A

79959C

791600

799FA8

79A9B4

79B3C0

# Harmonies

## Analogous

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



7A595E



795A53



725D4B

# Triad

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



795A53



4C6758



576179

# Complementary

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



795A53



537279

# 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.



486577



795A53



426864

# Square

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



795A53



5A654E



40676F



675D74

# Rectangle

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



795A53



6B6049



40676F



526379



# Sweetspot

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



795A53



9E9290



795372



4F4846



CFCFCF



4F4F4F



# Same Dimension

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



795A53



9E6D62



796D53



3D3837



7D1700



FC2F00



# Inverse Universe

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



537279



62939E



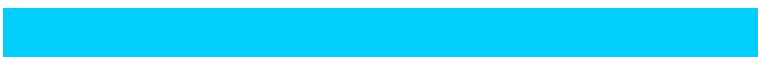
535F79



373C3D



00667D



00CEFC



# Previews

## White Background



This preview shows how the Hex color 795A53 looks on a white background.

## Color Contrast Check

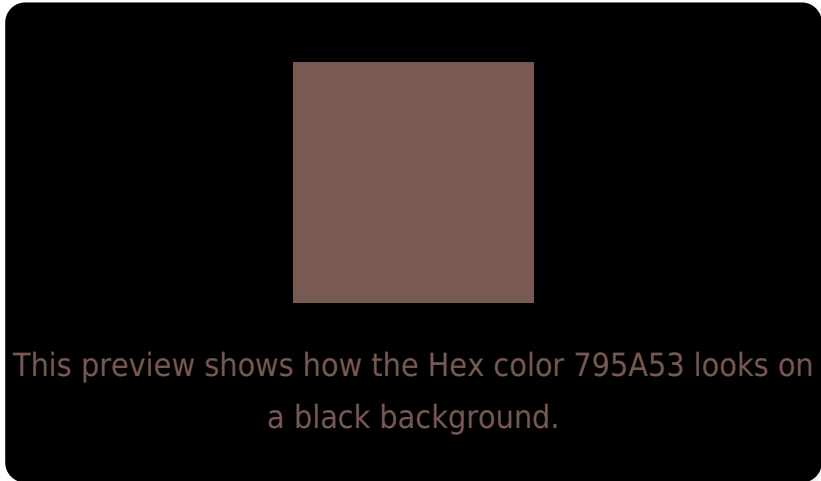
Large Text (above 18pt) WCAG AA ✓ Pass

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

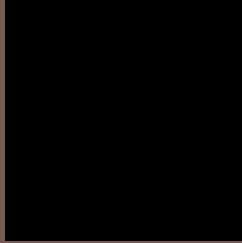
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 795A53 Background



This preview shows how black text looks on a background with the Hex color 795A53.

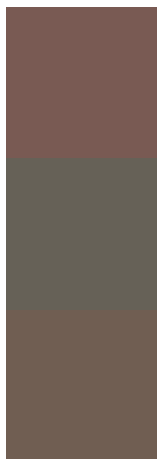


This preview shows how white text looks on a background with the Hex color 795A53.

# 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**  
795A53

**Protanopia**  
666157

**Deuteranopia**  
705E52



**Tritanopia**  
7A585F

# Trichromacy



**Original Color**  
795A53

**Protanomaly**  
6D5E56

**Deuteranomaly**  
735D52

**Tritanomaly**  
7A595B

# Monochromacy



**Original Color**  
795A53

**Achromatopsia**  
626262

**Achromatomaly**  
6A5F5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 795A53 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 #795A53 looks like.

```
.text, #text, p{  
    color:#795A53  
}
```

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 #795A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #795A53
}
```

## Border

The CSS property to change the border of an element to Hex 795A53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

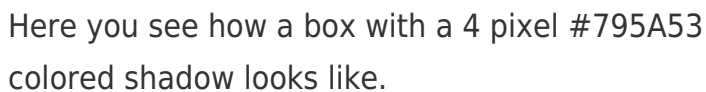
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#795A53 }
```

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

```
.border{ border-color:#795A53 }
```

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



Here you see how a box with a 4 pixel `#795A53` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #795A53; -webkit-box-shadow:4px 4px  
4px 4px #795A53; box-shadow:4px 4px 4px  
4px #795A53 }
```

# Background

The CSS property to change the background color of an element to Hex 795A53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#795A53 }
```

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

```
.background{ background-color:#795A53 }
```

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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