

# Converting Colors

Hex(796A53)

Have a look what the booklet for  
Hex(796A53) contains.

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**Color**

**Hex(796A53)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	796A53
RGB	121, 106, 83
RGB Percent	47%, 42%, 33%
CMY	0.5255, 0.5843, 0.6745
CMYK	0.00, 0.12, 0.31, 0.53
HSL	36°, 19%, 40%
HSV	36°, 31%, 47%
XYZ	14.6005, 14.9975, 10.3089
YIQ	107.8630, 16.3230, -3.9730

# Conversions

## Conversions Part 2

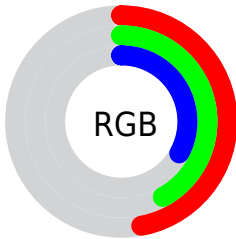
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 121, 83
Decimal	7957075
CIELab	45.63, 2.13, 15.11
CIELCh	46, 15.255, 81.970
Yxy	14.9975, 0.3659, 0.3758
Android (android.graphics.Color)	4286147155 (0xFF796A53)
YUV	107.8630, -12.2575, 11.5211
Hunter-Lab	38.7267, -0.4745, 11.3259

# Details

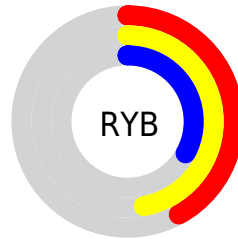
The Hex color **796A53** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **536279**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **AE9D85**, and **483B26** is the 20% darker color. If you saturate the color by 10%, you get **796547**, and if you desaturate by 10%, it is **796F5F**.

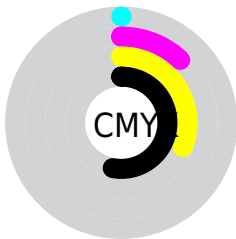
# Distribution



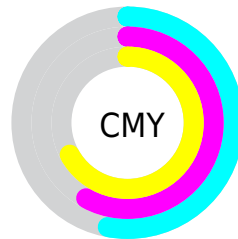
- Red (47%)
- Green (42%)
- Blue (33%)



- Red (42%)
- Yellow (47%)
- Blue (33%)



- Cyan (0%)
- Magenta (12%)
- Yellow (31%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 796A53 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 796A53 by changing the saturation by 10% instead.





796A53



796A53

FFFFFF



60523C



AE9D85



483B26



C9B89F



302511



E6D4BA



1C1100



FFF0D5



000000



FFFFF2



796A53



796A53



796547



796F5F



79603B



79746B

■ 795C2F

■ 797877

■ 795723

■ 797D83

■ 795216

■ 798290

■ 794D0A

■ 79879C

■ 794900

■ 798BA8

■ 7990B4

■ 7995C0

# Harmonies

## Analogous

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



836658



796A53



6C6E54

# Triad

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



796A53



497375



79667C

# Complementary

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



796A53



536279

# 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.



6A6A84



796A53



4C7280

# Square

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



796A53



507368



596E85



836370

# Rectangle

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



796A53



627059



596E85



75677F



# Sweetspot

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



796A53



9E9890



795362



4F4C46



CFCFCF



4F4F4F



# Same Dimension

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



796A53



9E8662



757953



3D3B37



7D4C00



FC9900



# Inverse Universe

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



536279



627A9E



575379



37393D



00317D



0064FC



# Previews

## White Background



This preview shows how the Hex color 796A53 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

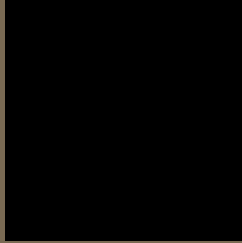
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 796A53 Background



This preview shows how black text looks on a background with the Hex color 796A53.



This preview shows how white text looks on a background with the Hex color 796A53.

# 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**


796A53

**Protanopia**

736C54

**Deuteranopia**

7F6853



**Tritanopia**  
7C666E

# Trichromacy



**Original Color**  
796A53

**Protanomaly**  
756B54

**Deuteranomaly**  
7D6953

**Tritanomaly**  
7B6764

# Monochromacy



**Original Color**  
796A53

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
716B63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 796A53 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 #796A53 looks like.

```
.text, #text, p{  
    color:#796A53  
}
```

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 #796A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #796A53
}
```

## Border

The CSS property to change the border of an element to Hex 796A53 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
#796A53 }
```

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

```
.border{ border-color:#796A53 }
```

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

Here you see how a box with a 4 pixel #796A53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #796A53; -webkit-box-shadow:4px 4px  
4px 4px #796A53; box-shadow:4px 4px 4px  
4px #796A53 }
```

# Background

The CSS property to change the background color of an element to Hex 796A53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#796A53 }
```

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

```
.background{ background-color:#796A53 }
```

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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