

# Converting Colors

Hex(796950)

Have a look what the booklet for  
Hex(796950) contains.

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**Color**

**Hex(796950)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	796950
RGB	121, 105, 80
RGB Percent	47%, 41%, 31%
CMY	0.5255, 0.5882, 0.6863
CMYK	0.00, 0.13, 0.34, 0.53
HSL	37°, 20%, 39%
HSV	37°, 34%, 47%
XYZ	14.3847, 14.7473, 9.6778
YIQ	106.9340, 17.5610, -4.3830

# Conversions

## Conversions Part 2

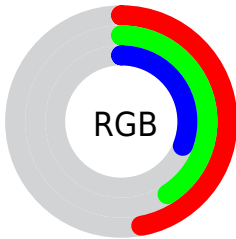
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 121, 80
Decimal	7956816
CIE <sub>Lab</sub>	45.29, 2.29, 16.41
CIE <sub>LCh</sub>	45, 16.569, 82.053
Yxy	14.7473, 0.3706, 0.3800
Android (android.graphics.Color)	4286146896 (0xFF796950)
YUV	106.9340, -13.2785, 12.3359
Hunter-Lab	38.4022, -0.3413, 11.9398

# Details

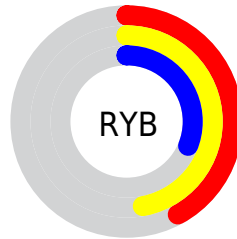
The Hex color **796950** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **506079**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **AE9C81**, and **473A23** is the 20% darker color. If you saturate the color by 10%, you get **796444**, and if you desaturate by 10%, it is **796E5C**.

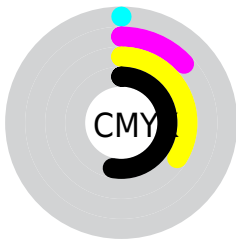
# Distribution



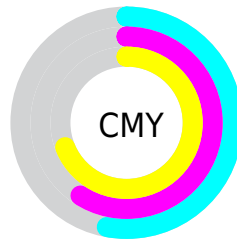
- Red (47%)
- Green (41%)
- Blue (31%)



- Red (42%)
- Yellow (47%)
- Blue (31%)



- Cyan (0%)
- Magenta (13%)
- Yellow (34%)
- Black (53%)



- Cyan (53%)
- Magenta (59%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 796950 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 796950 by changing the saturation by 10% instead.



 796950

 796950

FFFFFF

 605139

 AE9C81

 473A23

 CAB79B

 30250E

 E6D3B6

 1B1000

 FFEFD2

 000000

 FFFFEE

 796950

 796950

 796444

 796E5C

 796038

 797268

 795B2C

 797774

 795620

 797C80

 795113

 79818C

 794D07

 798599

 794A00

 798AA5

 798FB1

 7993BD

# Harmonies

## Analogous

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



836556



796950



6B6D51

# Triad

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



796950



447375



79647C

# Complementary

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



796950



506079

# 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.



696985



796950



477180

# Square

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



796950



4C7367



566E86



84626F

# Rectangle

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



796950



607056



566E86



746680



# Sweetspot

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



796950



9E988E



795060



4F4B46



CFCFCF



4F4F4F



# Same Dimension

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



796950



9E855D



757950



3D3B37



7D4C00



FC9A00



# Inverse Universe

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



506079



5D779E



545079



37393D



00317D



0063FC



# Previews

## White Background



This preview shows how the Hex color 796950 looks on a white background.

## Color Contrast Check

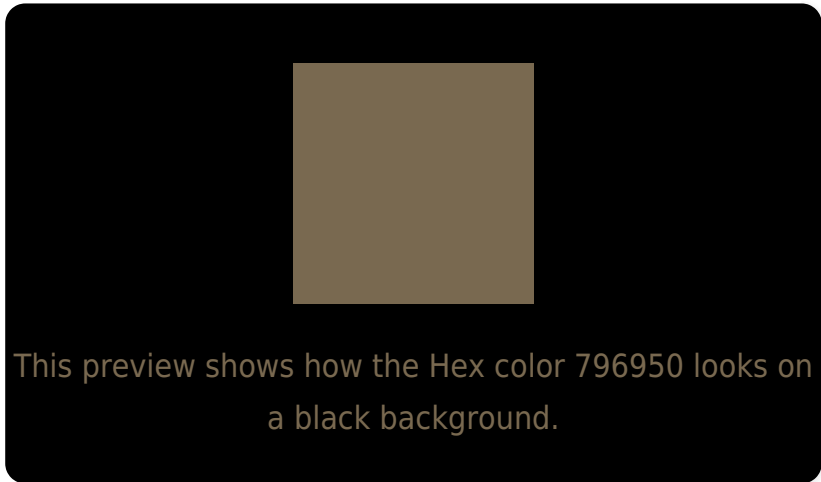
Large Text (above 18pt) WCAG AA ✓ Pass

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

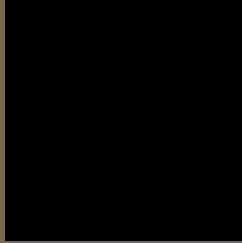
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 796950 Background



This preview shows how black text looks on a background with the Hex color 796950.

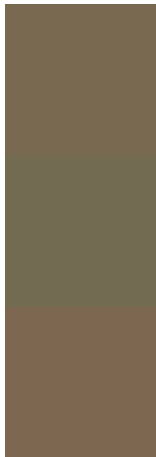


This preview shows how white text looks on a background with the Hex color 796950.

# 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**  
796950

**Protanopia**  
736B51

**Deuteranopia**  
7E6750



**Tritanopia**  
7C656D

# Trichromacy



**Original Color**  
796950

**Protanomaly**  
756A51

**Deuteranomaly**  
7C6850

**Tritanomaly**  
7B6662

# Monochromacy



**Original Color**  
796950

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
706A61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 796950 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 #796950 looks like.

```
.text, #text, p{  
    color:#796950  
}
```

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 #796950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #796950
}
```

## Border

The CSS property to change the border of an element to Hex 796950 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
#796950 }
```

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

```
.border{ border-color:#796950 }
```

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

Here you see how a box with a 4 pixel #796950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #796950; -webkit-box-shadow:4px 4px  
4px 4px #796950; box-shadow:4px 4px 4px  
4px #796950 }
```

# Background

The CSS property to change the background color of an element to Hex 796950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#796950 }
```

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

```
.background{ background-color:#796950 }
```

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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