

Converting Colors

Hex(796249)

Have a look what the booklet for
Hex(796249) contains.

Hex(796249)	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(796249)

Conversions

Conversions Part 1

Format	Color
Hex	796249
RGB	121, 98, 73
RGB Percent	47%, 38%, 29%
CMY	0.5255, 0.6157, 0.7137
CMYK	0.00, 0.19, 0.40, 0.53
HSL	31°, 25%, 38%
HSV	31°, 40%, 47%
XYZ	13.4554, 13.2814, 8.1577
YIQ	102.0270, 21.7330, -2.8990

Conversions

Conversions Part 2

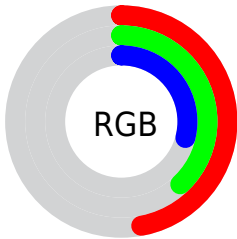
Format	Color
R_{YB}	117, 121, 73
Decimal	7955017
CIE _{Lab}	43.18, 5.49, 17.73
CIE _{LCh}	43, 18.557, 72.807
Yxy	13.2814, 0.3856, 0.3806
Android (android.graphics.Color)	4286145097 (0xFF796249)
YUV	102.0270, -14.3103, 16.6393
Hunter-Lab	36.4436, 2.1282, 12.2388

Details

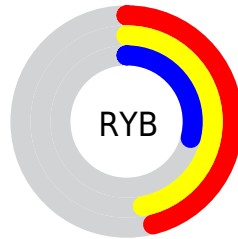
The Hex color **796249** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **496079**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **AE957A**, and **47341D** is the 20% darker color. If you saturate the color by 10%, you get **795C3D**, and if you desaturate by 10%, it is **796855**.

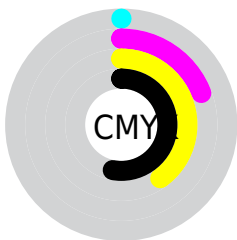
Distribution



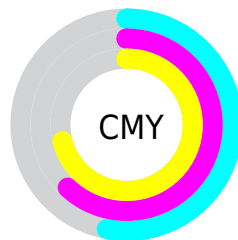
- Red (47%)
- Green (38%)
- Blue (29%)



- Red (46%)
- Yellow (47%)
- Blue (29%)



- Cyan (0%)
- Magenta (19%)
- Yellow (40%)
- Black (53%)



- Cyan (53%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 796249 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 796249 by changing the saturation by 10% instead.

 796249

 796249

FFFFFF

 604A32

 AE957A

 47341D

 CAAF94

 301F05

 E6CBAE

 190700

 FFE7CA

 000000

 FFFF66

 796249

 796249

 795C3D

 796855

 795631

 796E61

 795125

 79736D

 794B19

 797979

 79450C

 797F85

 793F00

 798592

 798B9E

 7990AA

 7996B6

Harmonies

Analogous

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



835D52



796249



6A6748

Triad

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



796249



3A6F6C



71607D

Complementary

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



796249



496079

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.



5C6584



796249



396D7A

Square

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



796249



486E5C



476A83



7F5C6F

Rectangle

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



796249



5F6A4C



476A83



6A6280

Sweetspot

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



796249



9E958B



794960



4F4A44



CFCFCF



4F4F4F

Same Dimension

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



796249



9E7A52



787949



3D3A37



7D4100



FC8300

Inverse Universe

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



496079



52779E



4A4979



373A3D



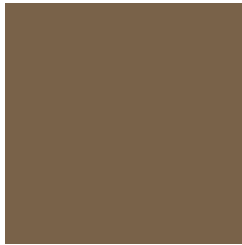
003C7D



0079FC

Previews

White Background



This preview shows how the Hex color 796249 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

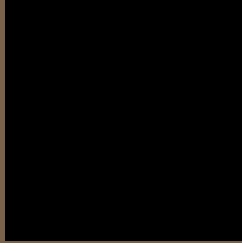
Any Text WCAG AA × Fail

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 796249 Background



This preview shows how black text looks on a background with the Hex color 796249.



This preview shows how white text looks on a background with the Hex color 796249.

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
796249

Protanopia
6E664B

Deuteranopia
796249



Tritanopia
7C5E66

Trichromacy



Original Color

796249

Protanomaly

72654A

Deuteranomaly

796249

Tritanomaly

7B5F5B

Monochromacy



Original Color

796249

Achromatopsia

666666

Achromatomaly

6D655B

CSS Examples

Text

The CSS property to change the color of the text to Hex 796249 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 #796249 looks like.

```
.text, #text, p{  
    color:#796249  
}
```

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 #796249 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #796249
}
```

Border

The CSS property to change the border of an element to Hex 796249 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
#796249 }
```

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

```
.border{ border-color:#796249 }
```

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

Here you see how a box with a 4 pixel #796249 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #796249; -webkit-box-shadow:4px 4px  
4px 4px #796249; box-shadow:4px 4px 4px  
4px #796249 }
```

Background

The CSS property to change the background color of an element to Hex 796249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#796249 }
```

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

```
.background{ background-color:#796249 }
```

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