

Converting Colors

Hex(776D46)

Have a look what the booklet for
Hex(776D46) contains.

Hex(776D46)	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(776D46)

Conversions

Conversions Part 1

Format	Color
Hex	776D46
RGB	119, 109, 70
RGB Percent	47%, 43%, 27%
CMY	0.5333, 0.5725, 0.7255
CMYK	0.00, 0.08, 0.41, 0.53
HSL	48°, 26%, 37%
HSV	48°, 41%, 47%
XYZ	14.1819, 15.3014, 8.0004
YIQ	107.5440, 18.4790, -10.0090

Conversions

Conversions Part 2

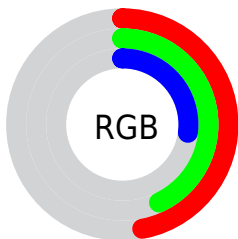
Format	Color
RYB	83, 119, 70
Decimal	7826758
CIELab	46.04, -2.24, 23.20
CIELCh	46, 23.312, 95.503
Yxy	15.3014, 0.3783, 0.4082
Android (android.graphics.Color)	4286016838 (0xFF776D46)
YUV	107.5440, -18.5092, 10.0469
Hunter-Lab	39.1170, -3.7396, 15.2557

Details

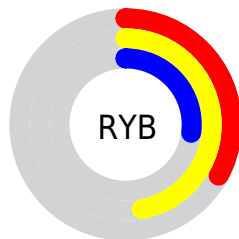
The Hex color **776D46** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **465077**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **ACA077**, and **453E19** is the 20% darker color. If you saturate the color by 10%, you get **776B3A**, and if you desaturate by 10%, it is **776F52**.

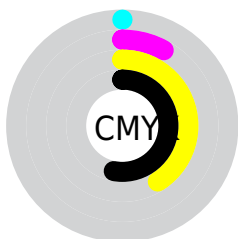
Distribution



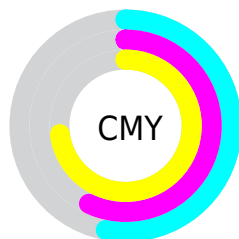
- Red (47%)
- Green (43%)
- Blue (27%)



- Red (33%)
- Yellow (47%)
- Blue (27%)



- Cyan (0%)
- Magenta (8%)
- Yellow (41%)
- Black (53%)



- Cyan (53%)
- Magenta (57%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 776D46 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 776D46 by changing the saturation by 10% instead.



776D46



776D46

FFFFFF



5E552F



ACA077



453E19



C8BB91



2E2800



E4D7AB



171400



FFF3C7



000000



FFFFE3



776D46



776D46



776B3A



776F52



77682E



77725E

■ 776622

■ 77746A

■ 776316

■ 777776

■ 77610B

■ 777982

■ 775F00

■ 777C8D

■ 777E99

■ 7780A5

■ 7783B1

Harmonies

Analogous

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



88664A



776D46



62734D

Triad

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



776D46



2B7783



89617E

Complementary

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



776D46



465077

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.



74678D



776D46



3B7390

Square

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



776D46



357870



586E94



935E6A

Rectangle

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



776D46



537556



586E94



836283

Sweetspot

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



776D46



9C9889



774651



4F4D44



CFCFCF



4F4F4F

Same Dimension

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



776D46



9C8C4F



697746



3B3935



7A6100



FAC700

Inverse Universe

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



465077



4F5F9C



544677



35363B



00197A



0033FA

Previews

White Background



This preview shows how the Hex color 776D46 looks on a white background.

Color Contrast Check

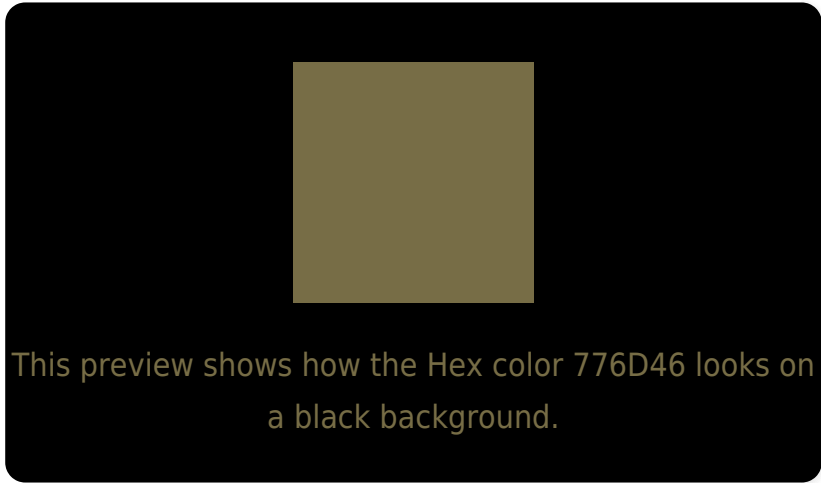
Large Text (above 18pt) WCAG AA ✓ Pass

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

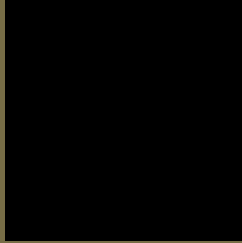
Any Text WCAG AA × Fail

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 776D46 Background



This preview shows how black text looks on a background with the Hex color 776D46.



This preview shows how white text looks on a background with the Hex color 776D46.

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

776D46

Protanopia

776D46

Deuteranopia

836847



Tritanopia
7B6870

Trichromacy



Original Color
776D46

Protanomaly
776D46

Deuteranomaly
7F6A47

Tritanomaly
7A6A61

Monochromacy



Original Color
776D46

Achromatopsia
6C6C6C

Achromatomaly
706C5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 776D46 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 #776D46 looks like.

```
.text, #text, p{  
    color:#776D46  
}
```

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 #776D46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #776D46
}
```

Border

The CSS property to change the border of an element to Hex 776D46 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
#776D46 }
```

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

```
.border{ border-color:#776D46 }
```

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

Here you see how a box with a 4 pixel #776D46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #776D46; -webkit-box-shadow:4px 4px  
4px 4px #776D46; box-shadow:4px 4px 4px  
4px #776D46 }
```

Background

The CSS property to change the background color of an element to Hex 776D46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#776D46 }
```

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

```
.background{ background-color:#776D46 }
```

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