

Converting Colors

Hex(776B3E)

Have a look what the booklet for
Hex(776B3E) contains.

Hex(776B3E)	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(776B3E)

Conversions

Conversions Part 1

Format	Color
Hex	776B3E
RGB	119, 107, 62
RGB Percent	47%, 42%, 24%
CMY	0.5333, 0.5804, 0.7569
CMYK	0.00, 0.10, 0.48, 0.53
HSL	47°, 31%, 35%
HSV	47°, 48%, 47%
XYZ	13.7349, 14.7851, 6.6873
YIQ	105.4580, 21.5970, -11.4510

Conversions

Conversions Part 2

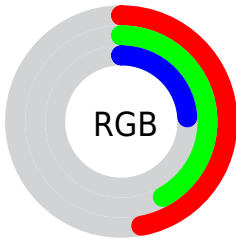
Format	Color
RYB	77, 119, 62
Decimal	7826238
CIELab	45.34, -2.01, 26.85
CIElCh	45, 26.922, 94.279
Yxy	14.7851, 0.3901, 0.4199
Android (android.graphics.Color)	4286016318 (0xFF776B3E)
YUV	105.4580, -21.4248, 11.8763
Hunter-Lab	38.4514, -3.5294, 16.6045

Details

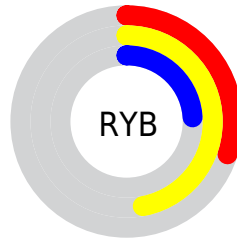
The Hex color **776B3E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3E4A77**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **AC9E6E**, and **453C11** is the 20% darker color. If you saturate the color by 10%, you get **776832**, and if you desaturate by 10%, it is **776E4A**.

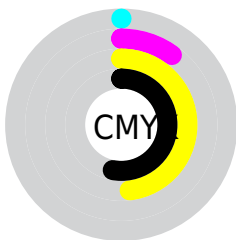
Distribution



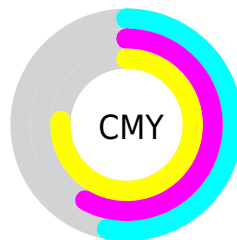
- Red (47%)
- Green (42%)
- Blue (24%)



- Red (30%)
- Yellow (47%)
- Blue (24%)



- Cyan (0%)
- Magenta (10%)
- Yellow (48%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 776B3E 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 776B3E by changing the saturation by 10% instead.

776B3E

776B3E

FFFFFF

5D5327

AC9E6E

453C11

C8B988

2E2600

E5D5A3

151200

FFF1BE

000000

FFFFDA

FFFFF6

776B3E

776B3E

776832

776E4A

■ 776626

■ 777056

■ 77631A

■ 777362

■ 77610E

■ 77756E

■ 775E03

■ 777879

■ 775E00

■ 777A85

■ 777D91

■ 777F9D

■ 7782A9

Harmonies

Analogous

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



8A6343



776B3E



5F7145

Triad

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



776B3E



097684



8A5D7F

Complementary

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



776B3E



3E4A77

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.



726490



776B3E



287393

Square

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



776B3E



25776E



506C98



965A69

Rectangle

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



776B3E



4D7550



506C98



845F86

Sweetspot

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



776B3E



9C9786



773E4A



4F4C42



CFCFCF



4F4F4F

Same Dimension

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



776B3E



9C8943



67773E



3B3935



7A6100



FAC500

Inverse Universe

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



3E4A77



43569C



4E3E77



35363B



001A7A



0035FA

Previews

White Background



This preview shows how the Hex color 776B3E looks on a white background.

Color Contrast Check

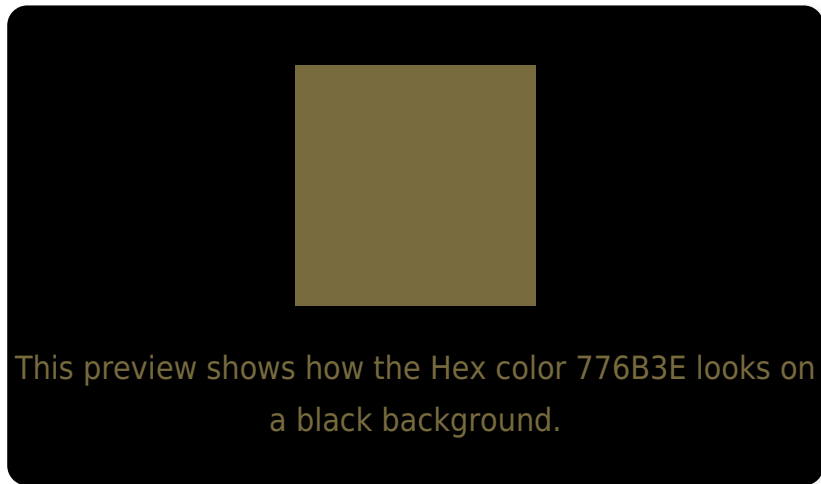
Large Text (above 18pt) WCAG AA ✓ Pass

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

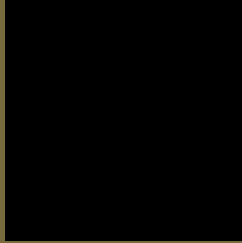
Any Text WCAG AA × Fail

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 776B3E Background



This preview shows how black text looks on a background with the Hex color 776B3E.



This preview shows how white text looks on a background with the Hex color 776B3E.

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](#).

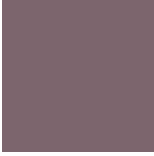
Dichromacy



Original Color
776B3E

Protanopia
766B3E

Deuteranopia
83663F



Tritanopia
7C656D

Trichromacy



Original Color
776B3E

Protanomaly
766B3E

Deuteranomaly
7F683F

Tritanomaly
7A675C

Monochromacy



Original Color
776B3E

Achromatopsia
696969

Achromatomaly
6E6A59

CSS Examples

Text

The CSS property to change the color of the text to Hex 776B3E 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 #776B3E looks like.

```
.text, #text, p{  
    color:#776B3E  
}
```

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 #776B3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #776B3E
}
```

Border

The CSS property to change the border of an element to Hex 776B3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

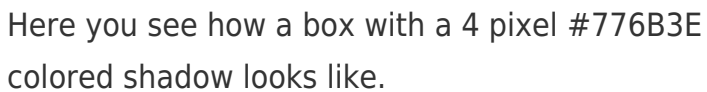
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#776B3E }
```

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

```
.border{ border-color:#776B3E }
```

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



Here you see how a box with a 4 pixel #776B3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #776B3E; -webkit-box-shadow:4px 4px  
4px 4px #776B3E; box-shadow:4px 4px 4px  
4px #776B3E }
```

Background

The CSS property to change the background color of an element to Hex 776B3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#776B3E }
```

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

```
.background{ background-color:#776B3E }
```

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