

# Converting Colors

Hex(776D3B)

Have a look what the booklet for  
Hex(776D3B) contains.

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**Color**

**Hex(776D3B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	776D3B
RGB	119, 109, 59
RGB Percent	47%, 43%, 23%
CMY	0.5333, 0.5725, 0.7686
CMYK	0.00, 0.08, 0.50, 0.53
HSL	50°, 34%, 35%
HSV	50°, 50%, 47%
XYZ	13.8658, 15.1750, 6.3359
YIQ	106.2900, 22.0100, -13.4300

# Conversions

## Conversions Part 2

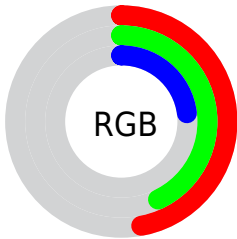
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 119, 59
Decimal	7826747
CIE <sub>Lab</sub>	45.87, -3.48, 29.18
CIE <sub>LCh</sub>	46, 29.382, 96.805
Yxy	15.1750, 0.3919, 0.4290
Android (android.graphics.Color)	4286016827 (0xFF776D3B)
YUV	106.2900, -23.3140, 11.1467
Hunter-Lab	38.9551, -4.6355, 17.6252

# Details

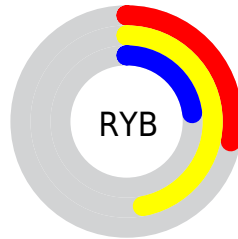
The Hex color **776D3B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3B4577**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **ADA06B**, and **453E0E** is the 20% darker color. If you saturate the color by 10%, you get **776B2F**, and if you desaturate by 10%, it is **776F47**.

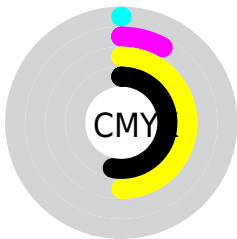
# Distribution



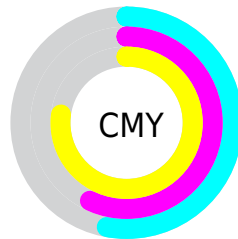
- Red (47%)
- Green (43%)
- Blue (23%)



- Red (28%)
- Yellow (47%)
- Blue (23%)



- Cyan (0%)
- Magenta (8%)
- Yellow (50%)
- Black (53%)



- Cyan (53%)
- Magenta (57%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 776D3B 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 776D3B by changing the saturation by 10% instead.





776D3B



776D3B

FFFFFF



5D5524



ADA06B



453E0E



C8BB85



2E2800



E5D79F



151400



FFF3BB



000000



FFFFD6



FFFFF3



776D3B



776D3B



776B2F



776F47

■ 776923

■ 777153

■ 776717

■ 77735F

■ 77650B

■ 77756B

■ 776300

■ 777776

■ 777982

■ 777B8E

■ 777D9A

■ 777FA6

# Harmonies

## Analogous

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



8C6440



776D3B



5D7444

# Triad

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



776D3B



007989



905C80

# Complementary

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



776D3B



3B4577

# 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.



776494



776D3B



1F7499

# Square

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



776D3B



127A72



516D9D



9C5968

# Rectangle

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



776D3B



497751



516D9D



895E88



# Sweetspot

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



776D3B



9C9884



773B45



4F4D41



CFCFCF



4F4F4F



# Same Dimension

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



776D3B



9C8C3D



63773B



3B3A35



7A6600



FAD000



# Inverse Universe

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



3B4577



3D4C9C



4F3B77



35363B



00147A



002AFA



# Previews

## White Background



This preview shows how the Hex color 776D3B looks on a white background.

## Color Contrast Check

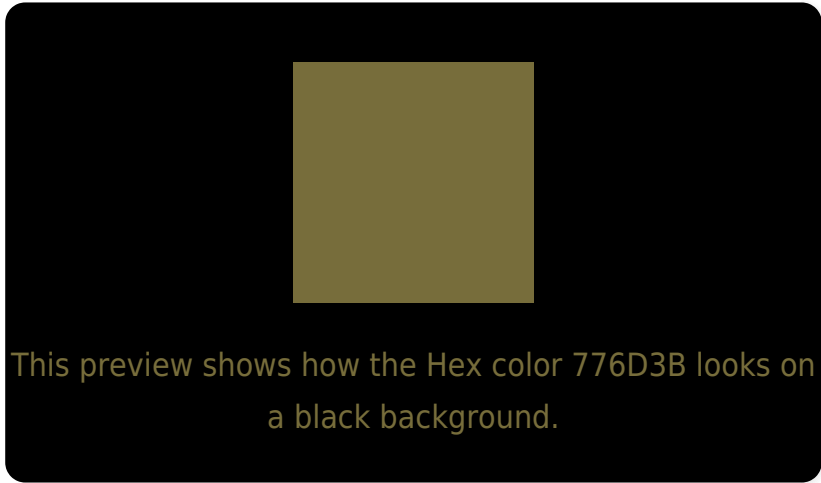
Large Text (above 18pt) WCAG AA ✓ Pass

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

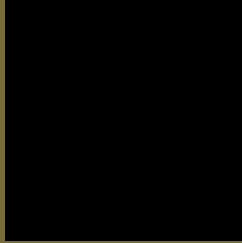
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 776D3B Background



This preview shows how black text looks on a background with the Hex color 776D3B.



This preview shows how white text looks on a background with the Hex color 776D3B.

# 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**  
776D3B

**Protanopia**  
786D3B

**Deuteranopia**  
85683C



**Tritanopia**  
7C676F

# Trichromacy



**Original Color**  
776D3B

**Protanomaly**  
786D3B

**Deuteranomaly**  
806A3C

**Tritanomaly**  
7A695C

# Monochromacy



**Original Color**  
776D3B

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
6F6B59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 776D3B 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 #776D3B looks like.

```
.text, #text, p{  
    color:#776D3B  
}
```

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 #776D3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #776D3B
}
```

## Border

The CSS property to change the border of an element to Hex 776D3B 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
#776D3B }
```

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

```
.border{ border-color:#776D3B }
```

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

Here you see how a box with a 4 pixel #776D3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #776D3B; -webkit-box-shadow:4px 4px  
4px 4px #776D3B; box-shadow:4px 4px 4px  
4px #776D3B }
```

# Background

The CSS property to change the background color of an element to Hex 776D3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#776D3B }
```

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

```
.background{ background-color:#776D3B }
```

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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