

# Converting Colors

Hex(776B4B)

Have a look what the booklet for  
Hex(776B4B) contains.

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**Color**

**Hex(776B4B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	776B4B
RGB	119, 107, 75
RGB Percent	47%, 42%, 29%
CMY	0.5333, 0.5804, 0.7059
CMYK	0.00, 0.10, 0.37, 0.53
HSL	44°, 23%, 38%
HSV	44°, 37%, 47%
XYZ	14.1354, 14.9453, 8.7963
YIQ	106.9400, 17.4240, -7.4080

# Conversions

## Conversions Part 2

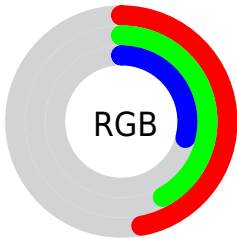
Format	Color
R <sub>Y</sub> B	92, 119, 75
Decimal	7826251
CIE Lab	45.56, -0.43, 19.68
CIE LCh	46, 19.682, 91.264
Yxy	14.9453, 0.3732, 0.3946
Android (android.graphics.Color)	4286016331 (0xFF776B4B)
YUV	106.9400, -15.7464, 10.5766
Hunter-Lab	38.6592, -2.3864, 13.5709

# Details

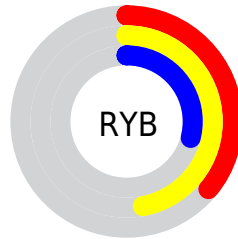
The Hex color **776B4B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B5777**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **AC9E7C**, and **463C1E** is the 20% darker color. If you saturate the color by 10%, you get **77683F**, and if you desaturate by 10%, it is **776E57**.

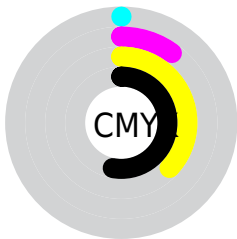
# Distribution



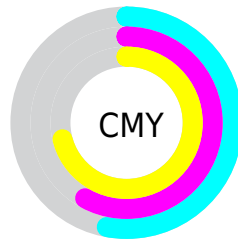
- Red (47%)
- Green (42%)
- Blue (29%)



- Red (36%)
- Yellow (47%)
- Blue (29%)



- Cyan (0%)
- Magenta (10%)
- Yellow (37%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 776B4B 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 776B4B by changing the saturation by 10% instead.



 776B4B

 776B4B

FFFFFF

 5E5334

 AC9E7C

 463C1E

 C8B996

 2F2607

 E4D5B1

 181200

 FFF1CC

 000000

 FFFF E9

 776B4B

 776B4B

 77683F

 776E57

 776533

 777163

■ 776127

■ 77756F

■ 775E1B

■ 77787B

■ 775B0F

■ 777B86

■ 775804

■ 777E92

■ 775700

■ 77829E

■ 7785AA

■ 7788B6

# Harmonies

## Analogous

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



856550



776B4B



65704F

# Triad

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



776B4B



39747C



82627C

# Complementary

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



776B4B



4B5777

# 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.



6F6788



776B4B



437288

# Square

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



776B4B



41756C



586D8C



8C606C

# Rectangle

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



776B4B



597357



586D8C



7C6481



# Sweetspot

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



776B4B



9C978A



774B57



4F4C45



CFCFCF



4F4F4F



# Same Dimension

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



776B4B



9C8957



6D774B



3B3935



7A5900



FAB600



# Inverse Universe

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



4B5777



576A9C



554B77



35363B



00217A



0044FA



# Previews

## White Background



This preview shows how the Hex color 776B4B looks on a white background.

## Color Contrast Check

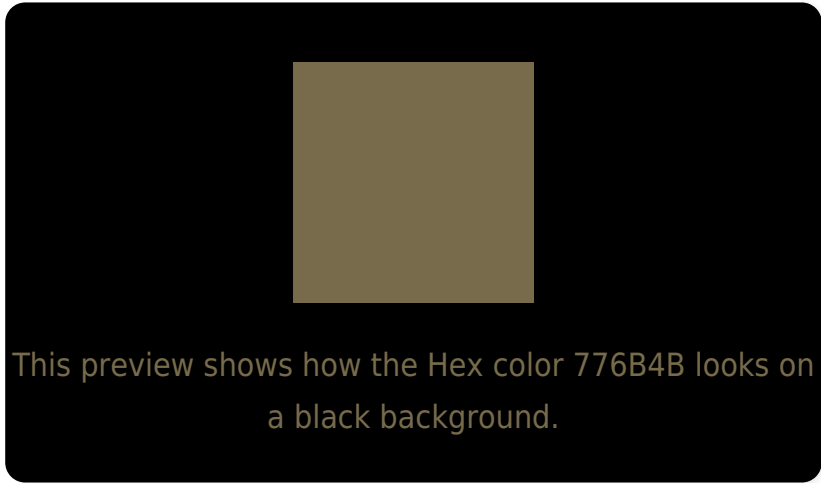
Large Text (above 18pt) WCAG AA ✓ Pass

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

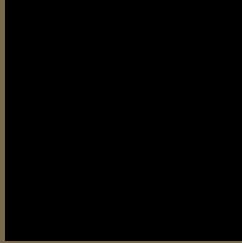
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 776B4B Background



This preview shows how black text looks on a background with the Hex color 776B4B.

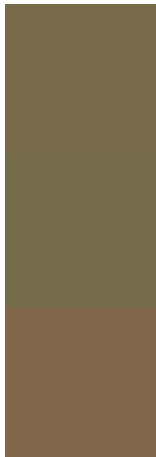


This preview shows how white text looks on a background with the Hex color 776B4B.

# 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**  
776B4B

**Protanopia**  
756C4B

**Deuteranopia**  
81674C



**Tritanopia**  
7B666E

# Trichromacy



**Original Color**  
776B4B

**Protanomaly**  
766C4B

**Deuteranomaly**  
7D684C

**Tritanomaly**  
7A6861

# Monochromacy



**Original Color**  
776B4B

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
6F6B5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 776B4B 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 #776B4B looks like.

```
.text, #text, p{  
    color:#776B4B  
}
```

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 #776B4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #776B4B
}
```

## Border

The CSS property to change the border of an element to Hex 776B4B 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
#776B4B }
```

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

```
.border{ border-color:#776B4B }
```

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

Here you see how a box with a 4 pixel #776B4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #776B4B; -webkit-box-shadow:4px 4px  
4px 4px #776B4B; box-shadow:4px 4px 4px  
4px #776B4B }
```

# Background

The CSS property to change the background color of an element to Hex 776B4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#776B4B }
```

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

```
.background{ background-color:#776B4B }
```

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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