

# Converting Colors

Hex(776D64)

Have a look what the booklet for  
Hex(776D64) contains.

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# Color

Hex(776D64)

# Conversions

## Conversions Part 1

Format	Color
Hex	776D64
RGB	119, 109, 100
RGB Percent	47%, 43%, 39%
CMY	0.5333, 0.5725, 0.6078
CMYK	0.00, 0.08, 0.16, 0.53
HSL	28°, 9%, 43%
HSV	28°, 16%, 47%
XYZ	15.3766, 15.7793, 14.2919
YIQ	110.9640, 8.8490, -0.6790

# Conversions

## Conversions Part 2

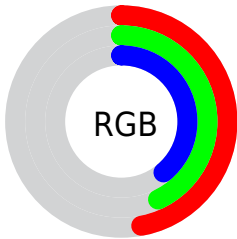
Format	Color
<a href="#">RYB</a>	<a href="#">119, 117, 100</a>
Decimal	<a href="#">7826788</a>
CIELab	<a href="#">46.68, 2.26, 6.43</a>
CIELCh	<a href="#">47, 6.817, 70.673</a>
Yxy	<a href="#">15.7793, 0.3383, 0.3472</a>
Android (android.graphics.Color)	<a href="#">4286016868</a> (0xFF776D64)
YUV	<a href="#">110.9640, -5.4053, 7.0476</a>
Hunter-Lab	<a href="#">39.7232, -0.4192, 6.4745</a>

# Details

The Hex color **776D64** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **646E77**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **ABA097**, and **463E35** is the 20% darker color. If you saturate the color by 10%, you get **776758**, and if you desaturate by 10%, it is **777370**.

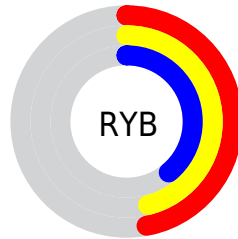
# Distribution



Red (47%)

Green (43%)

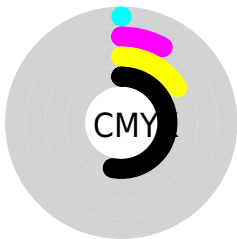
Blue (39%)



Red (47%)

Yellow (46%)

Blue (39%)

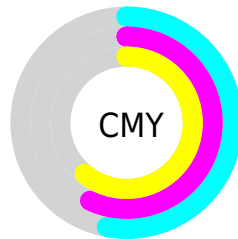


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (53%)



Cyan (53%)

Magenta (57%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 776D64 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 776D64 by changing the saturation by 10% instead.



■ 776D64

■ 776D64

FFFFFF

■ 5E554C

■ ABA097

■ 463E35

■ C7BBB1

■ 302820

■ E3D7CD

■ 1C1309

■ FFF4E9

■ 000000

■ 776D64

■ 776D64

■ 776758

■ 777370

■ 77604C

■ 777A7C

■ 775A40

■ 778088

■ 775434

■ 778694

■ 774E29

■ 778CA0

■ 77471D

■ 7793AB

■ 774111

■ 7799B7

■ 773B05

■ 779FC3

■ 773800

■ 77A5CF

# Harmonies

## Analogous

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



7B6B67



776D64



716F63

# Triad

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



776D64



617271



726D77

# Complementary

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



776D64



646E77

# 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.



6B6E7A



776D64



617276

# Square

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



776D64



65726B



657079



786B73

# Rectangle

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



776D64



6D7065



657079



706D78



# Sweetspot

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



776D64



9C9794



77646E



4F4D4A



CFCFCF



4F4F4F



# Same Dimension

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



776D64



9C8C7E



777664



3B3835



7A3A00



FA7600



# Inverse Universe

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



646E77



7E8E9C



646577



35383B



00407A



0084FA



# Previews

## White Background



This preview shows how the Hex color 776D64 looks on a white background.

## Color Contrast Check

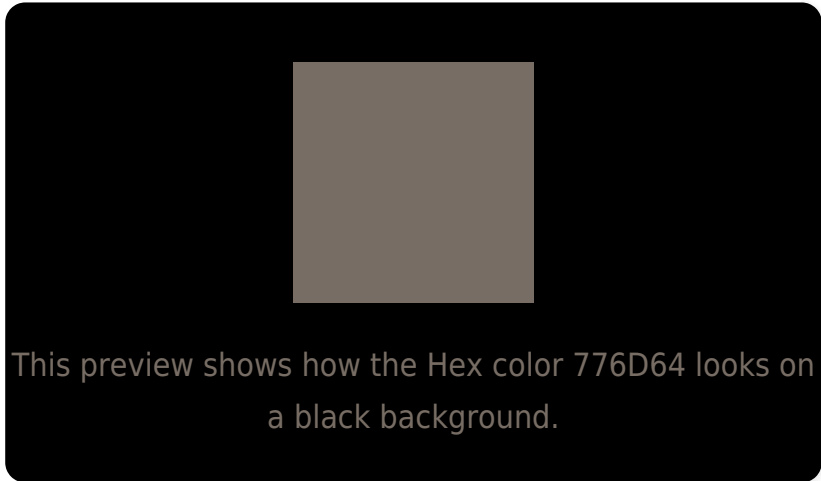
Large Text (above 18pt) WCAG AA ✓ Pass

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

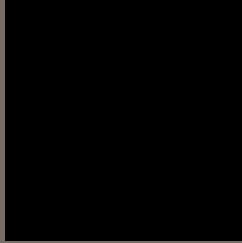
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 776D64 Background



This preview shows how black text looks on a background with the Hex color 776D64.



This preview shows how white text looks on a background with the Hex color 776D64.

# 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**  
776D64

**Protanopia**  
736E65

**Deuteranopia**  
7D6B64



**Tritanopia**  
796B73

# Trichromacy



**Original Color**

776D64

**Protanomaly**

746E65

**Deuteranomaly**

7B6C64

**Tritanomaly**

786C6E

# Monochromacy



**Original Color**

776D64

**Achromatopsia**

6F6F6F

**Achromatomaly**

726E6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 776D64 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 #776D64 looks like.

```
.text, #text, p{  
    color:#776D64  
}
```

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 #776D64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #776D64  
}
```

## Border

The CSS property to change the border of an element to Hex 776D64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

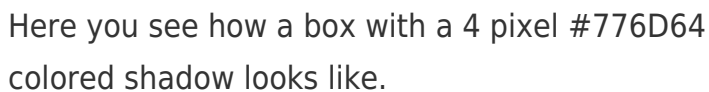
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#776D64 }
```

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

```
.border{ border-color:#776D64 }
```

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



Here you see how a box with a 4 pixel #776D64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #776D64; -webkit-box-shadow:4px 4px  
4px 4px #776D64; box-shadow:4px 4px 4px  
4px #776D64 }
```

# Background

The CSS property to change the background color of an element to Hex 776D64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#776D64 }
```

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

```
.background{ background-color:#776D64 }
```

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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