

# Converting Colors

Hex(776E00)

Have a look what the booklet for  
Hex(776E00) contains.

<b>Hex(776E00)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(776E00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	776E00
RGB	119, 110, 0
RGB Percent	47%, 43%, 0%
CMY	0.5333, 0.5686, 1.0000
CMYK	0.00, 0.08, 1.00, 0.53
HSL	55°, 100%, 23%
HSV	55°, 100%, 47%
XYZ	13.1837, 15.0738, 2.2147
YIQ	100.1510, 40.6740, -32.3020

# Conversions

## Conversions Part 2

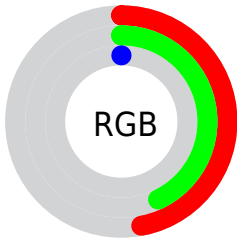
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	10, 119, 0
Decimal	7826944
CIE Lab	45.74, -7.28, 51.85
CIE LCh	46, 52.354, 97.989
Yxy	15.0738, 0.4326, 0.4947
Android (android.graphics.Color)	4286017024 (0xFF776E00)
YUV	100.1510, -49.3744, 16.5306
Hunter-Lab	38.8250, -7.3311, 23.7954

# Details

The Hex color **776E00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000977**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **AFA13E**, and **423F00** is the 20% darker color. If you saturate the color by 10%, you get **776E00**, and if you desaturate by 10%, it is **776F0C**.

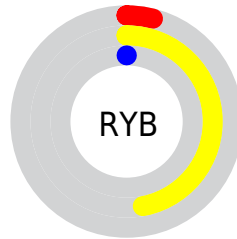
# Distribution



Red (47%)

Green (43%)

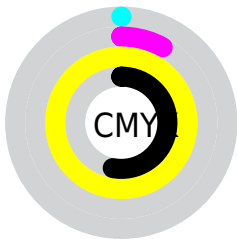
Blue (0%)



Red (4%)

Yellow (47%)

Blue (0%)

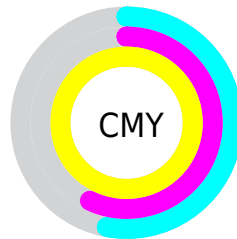


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (57%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 776E00 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 776E00 by changing the saturation by 10% instead.



 776E00

 776E00

FFFFFFD

 5C5600

 AFA13E

 423F00

 CBBC58

 292900

 E9D872

 0D1600

 FFF48D

 000000

 FFFFA8

 FFFFC4

 FFFFEO

 776E00

 776F0C

 777018

 777124

 777230

 77723B

 777347

 777453

 77755F

 77766B

# Harmonies

## Analogous

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



9B5E14



776E00



487920

# Triad

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



776E00



0080A1



AA488E

# Complementary

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



776E00



000977

# 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.



7D5BB2



776E00



007ABD

# Square

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



776E00



008177



096EC3



BB4062

# Rectangle

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



776E00



0C7D3B



096EC3



9E4E9B



# Sweetspot

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



776E00



9C986D



77000A



4F4D33



CFCFCF



4F4F4F



# Same Dimension

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



776E00



9C9000



457700



3B3A35



7A7100



FAE700



# Inverse Universe

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



000977



000C9C



320077



35353B



00097A



0013FA



# Previews

## White Background



This preview shows how the Hex color 776E00 looks on a white background.

## Color Contrast Check

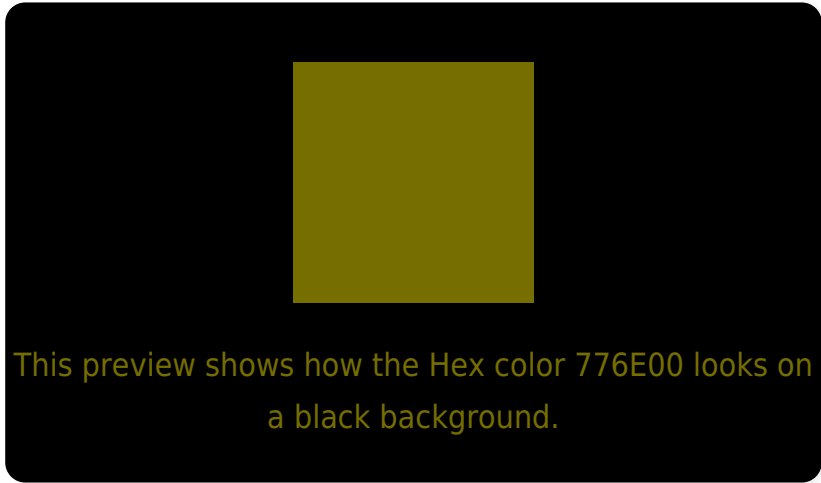
Large Text (above 18pt) WCAG AA ✓ Pass

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 776E00 Background



This preview shows how black text looks on a background with the Hex color 776E00.



This preview shows how white text looks on a background with the Hex color 776E00.

# 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**  
776E00

**Protanopia**  
7A6D00

**Deuteranopia**  
89670F



**Tritanopia**  
7E666E

# Trichromacy



**Original Color**  
776E00

**Protanomaly**  
796D00

**Deuteranomaly**  
826A0A

**Tritanomaly**  
7B6946

# Monochromacy



**Original Color**  
776E00

**Achromatopsia**  
646464

**Achromatomaly**  
6B6840

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 776E00 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 #776E00 looks like.

```
.text, #text, p{  
    color:#776E00  
}
```

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 #776E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #776E00
}
```

## Border

The CSS property to change the border of an element to Hex 776E00 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
#776E00 }
```

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

```
.border{ border-color:#776E00 }
```

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

Here you see how a box with a 4 pixel #776E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #776E00; -webkit-box-shadow:4px 4px  
4px 4px #776E00; box-shadow:4px 4px 4px  
4px #776E00 }
```

# Background

The CSS property to change the background color of an element to Hex 776E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#776E00 }
```

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

```
.background{ background-color:#776E00 }
```

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