

# Converting Colors

Hex(776868)

Have a look what the booklet for  
Hex(776868) contains.

<b>Hex(776868)</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(776868)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	776868
RGB	119, 104, 104
RGB Percent	47%, 41%, 41%
CMY	0.5333, 0.5922, 0.5922
CMYK	0.00, 0.13, 0.13, 0.53
HSL	0°, 7%, 44%
HSV	0°, 13%, 47%
XYZ	15.0568, 14.8220, 15.1641
YIQ	108.4850, 8.9400, 3.1800

# Conversions

## Conversions Part 2

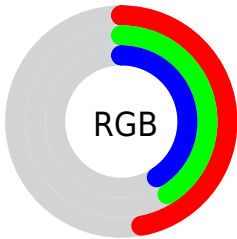
Format	Color
R <sub>Y</sub> B	119, 104, 104
Decimal	7825512
CIE Lab	45.39, 5.93, 2.18
CIE LCh	45, 6.318, 20.136
Yxy	14.8220, 0.3343, 0.3291
Android (android.graphics.Color)	4286015592 (0xFF776868)
YUV	108.4850, -2.2111, 9.2217
Hunter-Lab	38.4994, 2.4357, 3.5966

# Details

The Hex color **776868** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **687777**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **AB9B9B**, and **463939** is the 20% darker color. If you saturate the color by 10%, you get **775C5C**, and if you desaturate by 10%, it is **777474**.

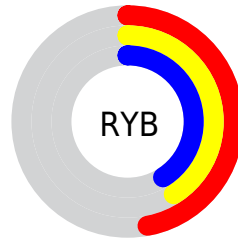
# Distribution



Red (47%)

Green (41%)

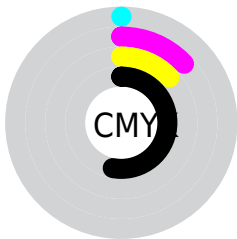
Blue (41%)



Red (47%)

Yellow (41%)

Blue (41%)

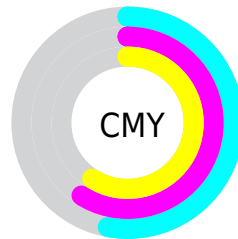


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (53%)



Cyan (53%)

Magenta (59%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 776868 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 776868 by changing the saturation by 10% instead.



■ 776868

■ 776868

FFFFFF

■ 5E5050

■ AB9B9B

■ 463939

■ C7B6B6

■ 302324

■ E3D2D1

■ 1C0E0E

■ FFEEEE

■ 000000

■ 776868

■ 776868

■ 775C5C

■ 777474

■ 775050

■ 778080

■ 774444

■ 778C8C

 773838

 779898

 772D2D

 77A3A3

 772121

 77AF AF

 771515

 77BBBB

 770909

 77C7C7

 770000

 77D3D3

# Harmonies

## Analogous

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



75686D



776868



766964

# Triad

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



776868



666E65



646C76

# Complementary

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



776868



687777

# 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.



606E73



776868



616E69

# Square

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



776868



6C6C62



5E6F6F



6A6B75

# Rectangle

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



776868



736A62



5E6F6F



626D75



# Sweetspot

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



776868



9C9595



776877



4F4B4B



CFCFCF



4F4F4F



# Same Dimension

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



776868



9C8484



776F68



3B3535



7A0000



FA0000



# Inverse Universe

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



687777



849C9C



686F77



353B3B



007A7A



00FAFA



# Previews

## White Background



This preview shows how the Hex color 776868 looks on a white background.

## Color Contrast Check

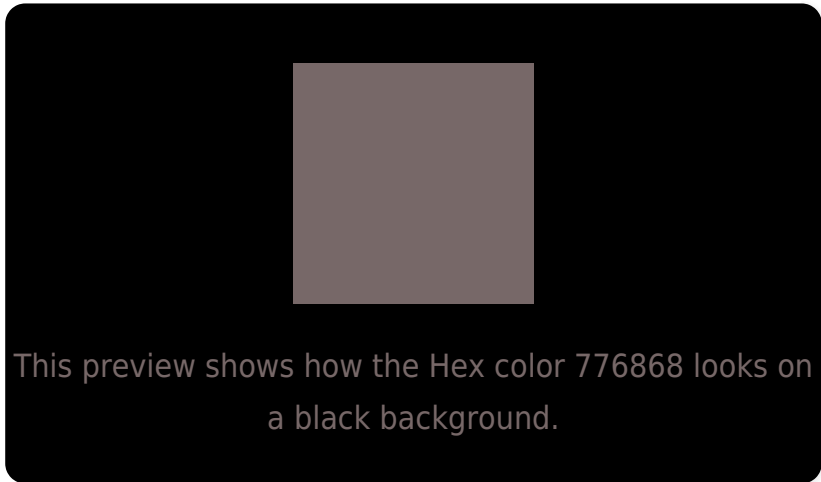
Large Text (above 18pt) WCAG AA ✓ Pass

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

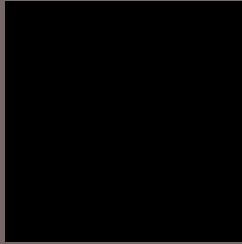
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 776868 Background



This preview shows how black text looks on a background with the Hex color 776868.



This preview shows how white text looks on a background with the Hex color 776868.

# 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**


776868

**Protanopia**

6E6B6A

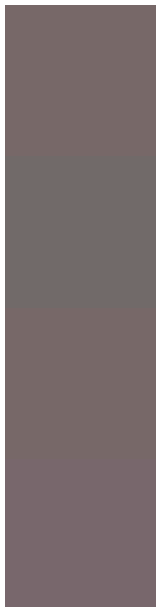
**Deuteranopia**

776868



**Tritanopia**  
78676F

# Trichromacy



**Original Color**

776868

**Protanomaly**

716A69

**Deuteranomaly**

776868

**Tritanomaly**

78676C

# Monochromacy



**Original Color**

776868

**Achromatopsia**

6C6C6C

**Achromatomaly**

706B6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 776868 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 #776868 looks like.

```
.text, #text, p{  
    color:#776868  
}
```

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 #776868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #776868
}
```

## Border

The CSS property to change the border of an element to Hex 776868 is called "border". The border property can be set on classes, ids or directly on the HTML element.

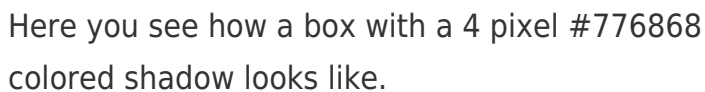
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#776868 }
```

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

```
.border{ border-color:#776868 }
```

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



Here you see how a box with a 4 pixel #776868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #776868; -webkit-box-shadow:4px 4px  
4px 4px #776868; box-shadow:4px 4px 4px  
4px #776868 }
```

# Background

The CSS property to change the background color of an element to Hex 776868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#776868 }
```

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

```
.background{ background-color:#776868 }
```

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