

# Converting Colors

Hex(747C68)

Have a look what the booklet for  
Hex(747C68) contains.

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# Color

Hex(747C68)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	747C68
RGB	116, 124, 104
RGB Percent	45%, 49%, 41%
CMY	0.5451, 0.5137, 0.5922
CMYK	0.06, 0.00, 0.16, 0.51
HSL	84°, 9%, 45%
HSV	84°, 16%, 49%
XYZ	16.9088, 19.1278, 15.8975
YIQ	119.3280, 1.6520, -7.9160

# Conversions

## Conversions Part 2

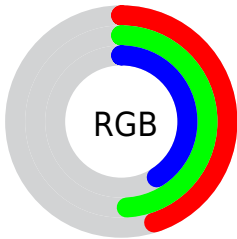
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 124, 112
Decimal	7634024
CIELab	50.84, -6.88, 9.92
CIElCh	51, 12.073, 124.739
Yxy	19.1278, 0.3256, 0.3683
Android (android.graphics.Color)	4285824104 (0xFF747C68)
YUV	119.3280, -7.5567, -2.9187
Hunter-Lab	43.7353, -7.5257, 9.0631

# Details

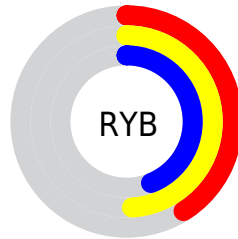
The Hex color **747C68** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **70687C**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A8B19B**, and **444B39** is the 20% darker color. If you saturate the color by 10%, you get **6F7C5C**, and if you desaturate by 10%, it is **797C74**.

# Distribution



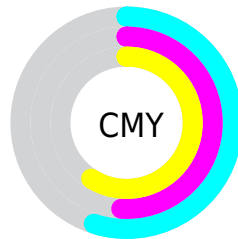
- Red (45%)
- Green (49%)
- Blue (41%)



- Red (41%)
- Yellow (49%)
- Blue (44%)



- Cyan (6%)
- Magenta (0%)
- Yellow (16%)
- Black (51%)



- Cyan (55%)
- Magenta (51%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 747C68 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 747C68 by changing the saturation by 10% instead.





747C68



747C68

FFFFFF



5B6350



A8B19B



444B39



C3CCB6



2D3523



DFE8D2



191F0E



FCFEE



000600



000000



747C68



747C68



6F7C5C



797C74



6A7C4F



7E7C81

■ 657C43

■ 837C8D

■ 607C36

■ 887C9A

■ 5B7C2A

■ 8D7CA6

■ 567C1E

■ 927CB2

■ 517C11

■ 977CBF

■ 4C7C05

■ 9C7CCB

■ 4A7C00

■ A17CD8

# Harmonies

## Analogous

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



807965



747C68



697E70

# Triad

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



747C68



647C8B



8E7278

# Complementary

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



747C68



70687C

# 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.



887382



747C68



70798D

# Square

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



747C68



5E7F84



7D768A



8E736E

# Rectangle

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



747C68



637F77



7D768A



8D727B



# Sweetspot

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



747C68



9DA199



7C7068



50524D



D1D1D1



525252



# Same Dimension

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



747C68



94A182



6A7C68



3B3D37



4B7D00



97FC00



# Inverse Universe

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



70687C



8E82A1



7A687C



3A373D



32007D

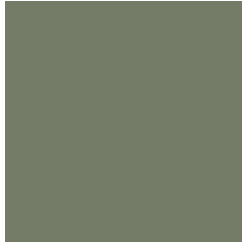


6500FC



# Previews

## White Background



This preview shows how the Hex color 747C68 looks on a white background.

## Color Contrast Check

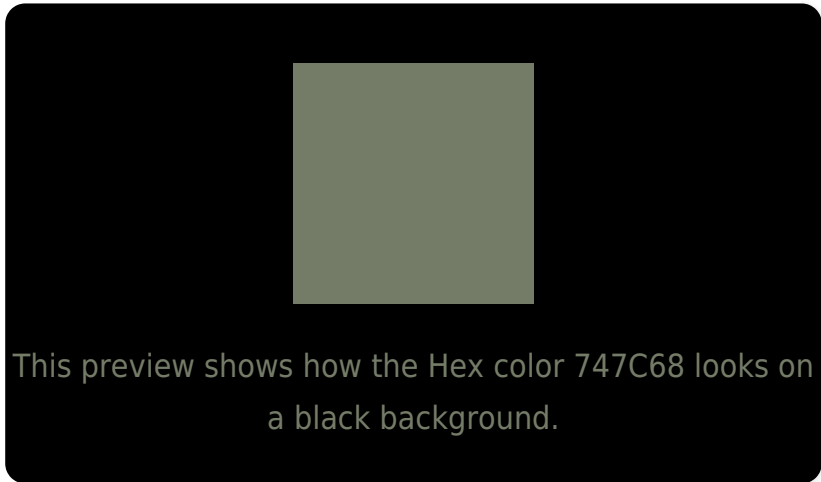
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

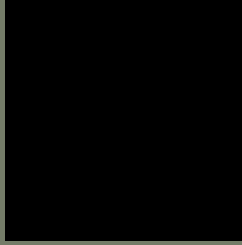
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

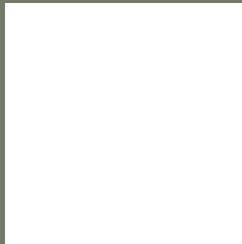
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 747C68 Background



This preview shows how black text looks on a background with the Hex color 747C68.



This preview shows how white text looks on a background with the Hex color 747C68.

# 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**  
747C68

**Protanopia**  
7F7966

**Deuteranopia**  
8A746A



**Tritanopia**  
787882

# Trichromacy



**Original Color**  
747C68

**Protanomaly**  
7B7A67

**Deuteranomaly**  
827769

**Tritanomaly**  
777979

# Monochromacy



**Original Color**  
747C68

**Achromatopsia**  
777777

**Achromatomaly**  
767972

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 747C68 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 #747C68 looks like.

```
.text, #text, p{  
    color:#747C68  
}
```

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 #747C68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747C68  
}
```

## Border

The CSS property to change the border of an element to Hex 747C68 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  
#747C68 }
```

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

```
.border{ border-color:#747C68 }
```

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

Here you see how a box with a 4 pixel #747C68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747C68; -webkit-box-shadow:4px 4px  
4px 4px #747C68; box-shadow:4px 4px 4px  
4px #747C68 }
```

# Background

The CSS property to change the background color of an element to Hex 747C68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747C68 }
```

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

```
.background{ background-color:#747C68 }
```

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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