

Converting Colors

Hex(747A68)

Have a look what the booklet for
Hex(747A68) contains.

Hex(747A68)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(747A68)

Conversions

Conversions Part 1

Format	Color
Hex	747A68
RGB	116, 122, 104
RGB Percent	45%, 48%, 41%
CMY	0.5451, 0.5216, 0.5922
CMYK	0.05, 0.00, 0.15, 0.52
HSL	80°, 8%, 44%
HSV	80°, 15%, 48%
XYZ	16.6607, 18.6315, 15.8148
YIQ	118.1540, 2.2020, -6.8700

Conversions

Conversions Part 2

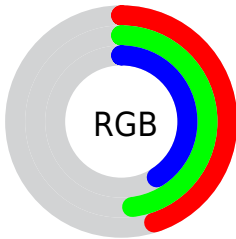
Format	Color
RYB	104, 122, 110
Decimal	7633512
CIELab	50.25, -5.75, 9.10
CIElCh	50, 10.763, 122.285
Yxy	18.6315, 0.3260, 0.3646
Android (android.graphics.Color)	4285823592 (0xFF747A68)
YUV	118.1540, -6.9779, -1.8891
Hunter-Lab	43.1643, -6.6395, 8.4919

Details

The Hex color **747A68** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E687A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A8AE9B**, and **444939** is the 20% darker color. If you saturate the color by 10%, you get **707A5C**, and if you desaturate by 10%, it is **787A74**.

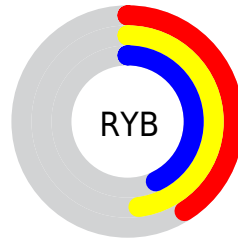
Distribution



Red (45%)

Green (48%)

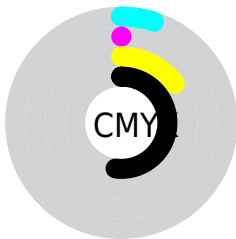
Blue (41%)



Red (41%)

Yellow (48%)

Blue (43%)

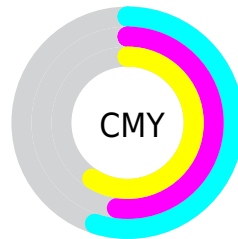


Cyan (5%)

Magenta (0%)

Yellow (15%)

Black (52%)



Cyan (55%)

Magenta (52%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747A68 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 747A68 by changing the saturation by 10% instead.



747A68



747A68

FFFFFF



5B6150



A8AE9B



444939



C3CAB6



2D3323



DFE6D2



191E0E



FCFFEE



000200



000000



747A68



747A68



707A5C



787A74



6C7A50



7C7A80

■ 687A43

■ 807A8D

■ 647A37

■ 847A99

■ 607A2B

■ 887AA5

■ 5C7A1F

■ 8C7AB1

■ 587A13

■ 907ABD

■ 537A06

■ 957ACA

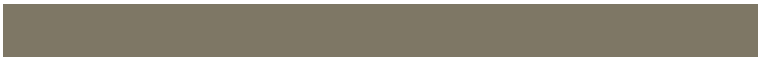
■ 517A00

■ 997AD6

Harmonies

Analogous

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



7E7765



747A68



6A7C6F

Triad

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



747A68



657B87



8A7177

Complementary

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



747A68



6E687A

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.



847280



747A68



6F788A

Square

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



747A68



607D81



7A7587



8B726E

Rectangle

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



747A68



647D75



7A7587



89727A

Sweetspot

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



747A68



9C9E98



7A6E68



4E4F4B



CFCFCF



4F4F4F

Same Dimension

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



747A68



959E82



6B7A68



3B3D37



537D00



A8FC00

Inverse Universe

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



6E687A



8B829E



77687A



39373D



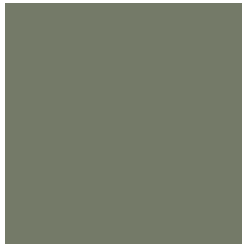
2A007D



5400FC

Previews

White Background



This preview shows how the Hex color 747A68 looks on a white background.

Color Contrast Check

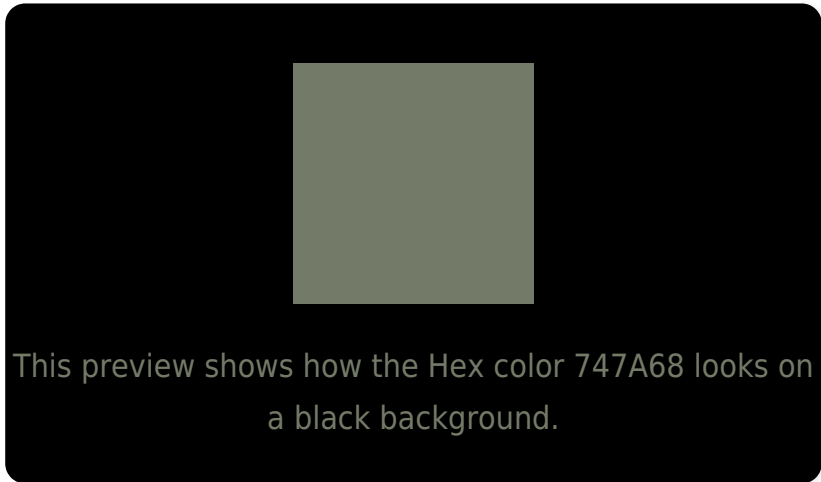
Large Text (above 18pt) WCAG AA ✓ Pass

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

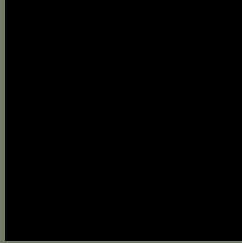
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

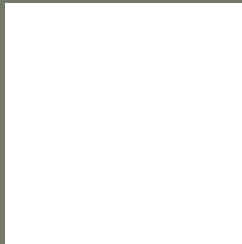
Any Text WCAG AAA × Fail

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

Hex 747A68 Background



This preview shows how black text looks on a background with the Hex color 747A68.

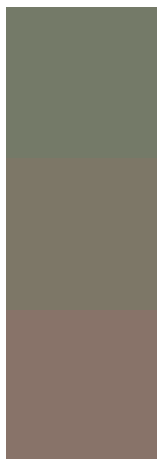


This preview shows how white text looks on a background with the Hex color 747A68.

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

747A68

Protanopia

7D7767

Deuteranopia

887369



Tritanopia
787780

Trichromacy



Original Color

747A68

Protanomaly

7A7867

Deuteranomaly

817669

Tritanomaly

777877

Monochromacy



Original Color

747A68

Achromatopsia

767676

Achromatomaly

757771

CSS Examples

Text

The CSS property to change the color of the text to Hex 747A68 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 #747A68 looks like.

```
.text, #text, p{  
    color:#747A68  
}
```

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 #747A68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747A68
}
```

Border

The CSS property to change the border of an element to Hex 747A68 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
#747A68 }
```

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

```
.border{ border-color:#747A68 }
```

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

Here you see how a box with a 4 pixel #747A68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747A68; -webkit-box-shadow:4px 4px  
4px 4px #747A68; box-shadow:4px 4px 4px  
4px #747A68 }
```

Background

The CSS property to change the background color of an element to Hex 747A68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747A68 }
```

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

```
.background{ background-color:#747A68 }
```

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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