

Converting Colors

Hex(747E6E)

Have a look what the booklet for
Hex(747E6E) contains.

Hex(747E6E)	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(747E6E)

Conversions

Conversions Part 1

Format	Color
Hex	747E6E
RGB	116, 126, 110
RGB Percent	45%, 49%, 43%
CMY	0.5451, 0.5059, 0.5686
CMYK	0.08, 0.00, 0.13, 0.51
HSL	98°, 7%, 46%
HSV	98°, 13%, 49%
XYZ	17.4778, 19.7605, 17.6448
YIQ	121.1860, -0.8240, -7.0960

Conversions

Conversions Part 2

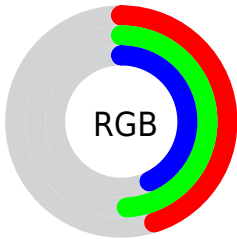
Format	Color
R_{YB}	110, 126, 120
Decimal	7634542
CIE Lab	51.57, -6.90, 7.45
CIE LCh	52, 10.158, 132.803
Yxy	19.7605, 0.3185, 0.3600
Android (android.graphics.Color)	4285824622 (0xFF747E6E)
YUV	121.1860, -5.5147, -4.5481
Hunter-Lab	44.4528, -7.6104, 7.5827

Details

The Hex color **747E6E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **786E7E**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A8B3A2**, and **444D3E** is the 20% darker color. If you saturate the color by 10%, you get **6C7E61**, and if you desaturate by 10%, it is **7C7E7B**.

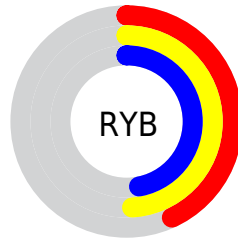
Distribution



Red (45%)

Green (49%)

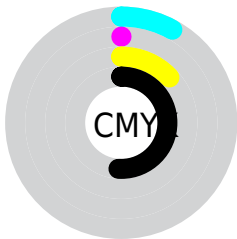
Blue (43%)



Red (43%)

Yellow (49%)

Blue (47%)

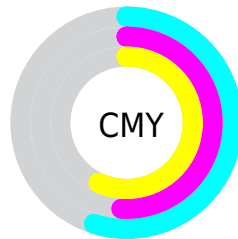


Cyan (8%)

Magenta (0%)

Yellow (13%)

Black (51%)



Cyan (55%)

Magenta (51%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747E6E 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 747E6E by changing the saturation by 10% instead.

■ 747E6E

■ 747E6E

FFFFFF

■ 5B6556

■ A8B3A2

■ 444D3E

■ C3CEBD

■ 2E3629

■ DFEAD8

■ 192114

■ FCFFF5

■ 000B00

■ 000000

■ 747E6E

■ 747E6E

■ 6C7E61

■ 7C7E7B

■ 647E55

■ 847E87

■ 5C7E48

■ 8C7E94

■ 547E3C

■ 947EA0

■ 4D7E2F

■ 9B7EAD

■ 457E22

■ A37EBA

■ 3D7E16

■ AB7EC6

■ 357E09

■ B37ED3

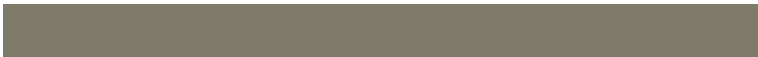
■ 2F7E00

■ BB7EDF

Harmonies

Analogous

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



7E7B6A



747E6E



6B8075

Triad

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



747E6E



6C7D8B



8D7577

Complementary

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



747E6E



786E7E

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.



897680



747E6E



767A8C

Square

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



747E6E



667F86



817888



8C766F

Rectangle

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



747E6E



67807B



817888



8D757A

Sweetspot

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



747E6E



9FA39D



7E786E



4F524E



D1D1D1



525252

Same Dimension

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



747E6E



94A38B



6E7E70



3C4039



308000



000000

Inverse Universe

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



786E7E



9A8BA3



7E6E7C



3D3940



500080



000000

Previews

White Background



This preview shows how the Hex color 747E6E looks on a white background.

Color Contrast Check

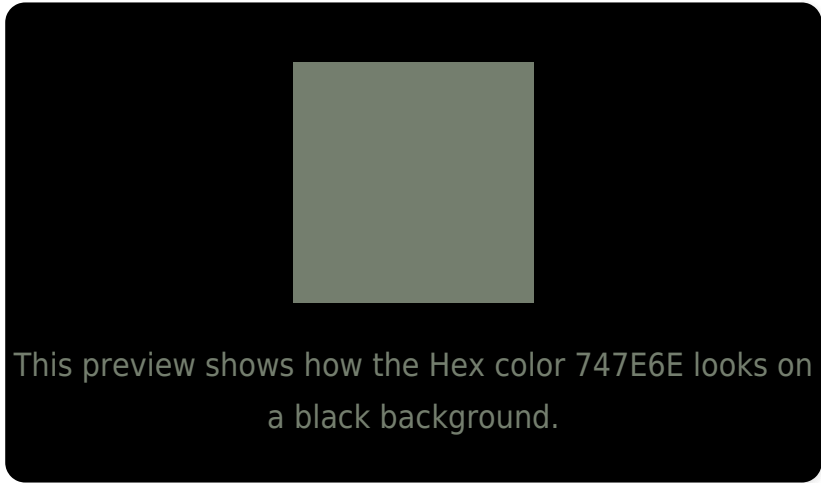
Large Text (above 18pt) WCAG AA ✓ Pass

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

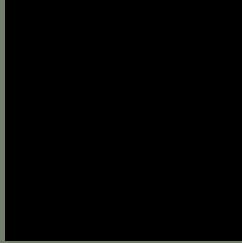
Any Text WCAG AA ✓ Pass

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 747E6E Background



This preview shows how black text looks on a background with the Hex color 747E6E.

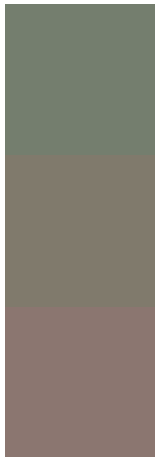


This preview shows how white text looks on a background with the Hex color 747E6E.

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
747E6E

Protanopia
807A6C

Deuteranopia
8B7670



Tritanopia
777B84

Trichromacy



Original Color
747E6E

Protanomaly
7C7B6D

Deuteranomaly
83796F

Tritanomaly
767C7C

Monochromacy



Original Color
747E6E

Achromatopsia
797979

Achromatomaly
777B75

CSS Examples

Text

The CSS property to change the color of the text to Hex 747E6E 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 #747E6E looks like.

```
.text, #text, p{  
    color:#747E6E  
}
```

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 #747E6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747E6E
}
```

Border

The CSS property to change the border of an element to Hex 747E6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

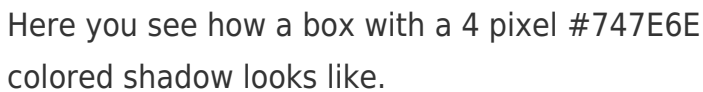
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#747E6E }
```

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

```
.border{ border-color:#747E6E }
```

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



Here you see how a box with a 4 pixel #747E6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747E6E; -webkit-box-shadow:4px 4px  
4px 4px #747E6E; box-shadow:4px 4px 4px  
4px #747E6E }
```

Background

The CSS property to change the background color of an element to Hex 747E6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747E6E }
```

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

```
.background{ background-color:#747E6E }
```

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