

# Converting Colors

Hex(746F7A)

Have a look what the booklet for  
Hex(746F7A) contains.

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# Color

**Hex(746F7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	746F7A
RGB	116, 111, 122
RGB Percent	45%, 44%, 48%
CMY	0.5451, 0.5647, 0.5216
CMYK	0.05, 0.09, 0.00, 0.52
HSL	267°, 5%, 46%
HSV	267°, 9%, 48%
XYZ	16.3998, 16.4870, 20.7303
YIQ	113.7490, -0.5510, 4.4810

# Conversions

## Conversions Part 2

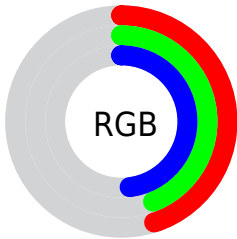
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 111, 122
Decimal	7630714
CIE Lab	47.61, 4.19, -5.39
CIE LCh	48, 6.826, 307.858
Yxy	16.4870, 0.3059, 0.3075
Android (android.graphics.Color)	4285820794 (0xFF746F7A)
YUV	113.7490, 4.0677, 1.9741
Hunter-Lab	40.6042, 1.0375, -1.8473

# Details

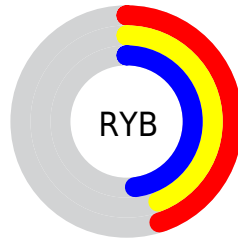
The Hex color **746F7A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **757A6F**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A8A3AE**, and **443F49** is the 20% darker color. If you saturate the color by 10%, you get **6D637A**, and if you desaturate by 10%, it is **7B7B7A**.

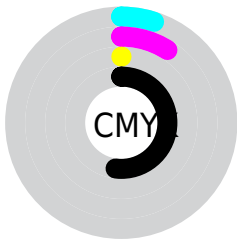
# Distribution



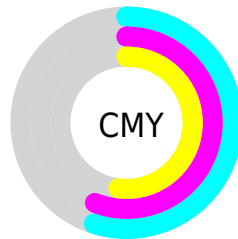
- Red (45%)
- Green (44%)
- Blue (48%)



- Red (45%)
- Yellow (44%)
- Blue (48%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (52%)



- Cyan (55%)
- Magenta (56%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 746F7A 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 746F7A by changing the saturation by 10% instead.





746F7A



746F7A

FFFFFF



5B5761



A8A3AE



443F49



C3BECA



2E2933



DFD9E6



19151E



FCF6FF



000003



000000



746F7A



746F7A



6D637A



7B7B7A



67577A



81877A

604A7A

88947A

593E7A

8FA07A

53327A

95AC7A

4C267A

9CB87A

451A7A

A3C47A

3F0D7A

A9D17A

38017A

B0DD7A

# Harmonies

## Analogous

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



6D717C



746F7A



7A6E75

# Triad

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



746F7A



7A6F66



637472

# Complementary

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



746F7A



757A6F

# Split Complementary

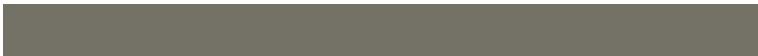
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67746C



746F7A



747166

# Square

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



746F7A



7D6E6A



6E7368



637478

# Rectangle

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



746F7A



7C6D72



6E7368



647470



# Sweetspot

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



746F7A



9C999E



6F757A



4D4C4F



CFCFCF



4F4F4F



# Same Dimension

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



746F7A



958D9E



796F7A



3A373D



39007D



7300FC



# Inverse Universe

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



7A6F75



9E8D96



707A6F



3D373A



7D0044



FC008A



# Previews

## White Background



This preview shows how the Hex color 746F7A looks on a white background.

## Color Contrast Check

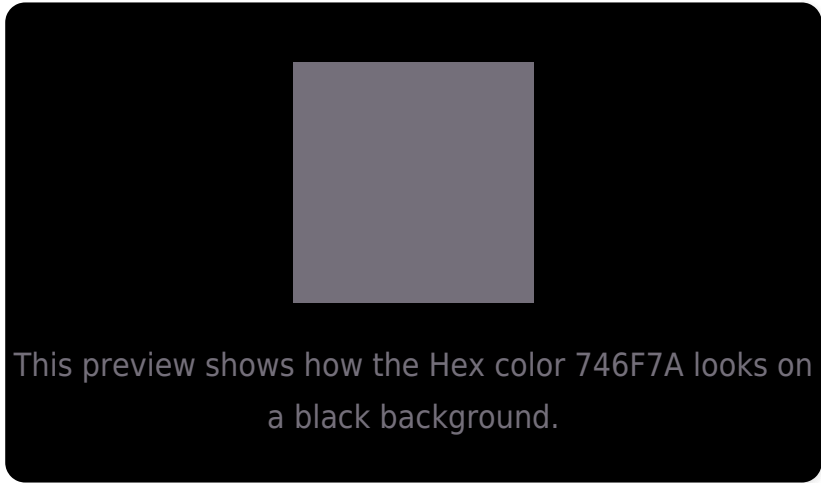
Large Text (above 18pt) WCAG AA ✓ Pass

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

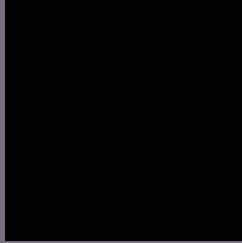
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

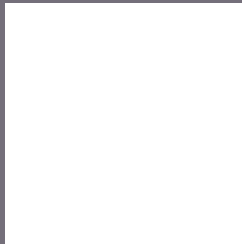
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 746F7A Background



This preview shows how black text looks on a background with the Hex color 746F7A.



This preview shows how white text looks on a background with the Hex color 746F7A.

# 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**  
746F7A

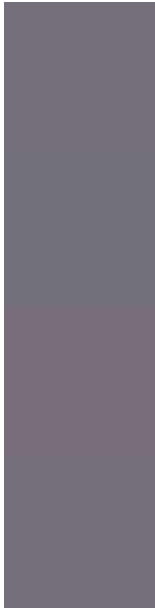
**Protanopia**  
70707B

**Deuteranopia**  
786E7A



**Tritanopia**  
746F78

# Trichromacy



**Original Color**

746F7A

**Protanomaly**

71707B

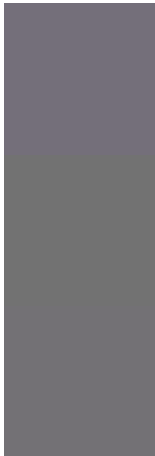
**Deuteranomaly**

776E7A

**Tritanomaly**

746F79

# Monochromacy



**Original Color**

746F7A

**Achromatopsia**

727272

**Achromatomaly**

737175

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 746F7A 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 #746F7A looks like.

```
.text, #text, p{  
    color:#746F7A  
}
```

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 #746F7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #746F7A
}
```

## Border

The CSS property to change the border of an element to Hex 746F7A is called "border". The border property can be set on classes, ids or directly on the HTML element.

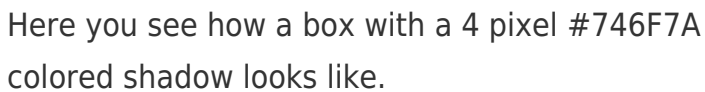
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#746F7A }
```

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

```
.border{ border-color:#746F7A }
```

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



Here you see how a box with a 4 pixel #746F7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #746F7A; -webkit-box-shadow:4px 4px  
4px 4px #746F7A; box-shadow:4px 4px 4px  
4px #746F7A }
```

# Background

The CSS property to change the background color of an element to Hex 746F7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#746F7A }
```

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

```
.background{ background-color:#746F7A }
```

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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