

# Converting Colors

Hex(746E78)

Have a look what the booklet for  
Hex(746E78) contains.

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# Color

**Hex(746E78)**

# Conversions

## Conversions Part 1

Format	Color
Hex	746E78
RGB	116, 110, 120
RGB Percent	45%, 43%, 47%
CMY	0.5451, 0.5686, 0.5294
CMYK	0.03, 0.08, 0.00, 0.53
HSL	276°, 4%, 45%
HSV	276°, 8%, 47%
XYZ	16.1686, 16.2209, 20.0481
YIQ	112.9340, 0.3660, 4.3820

# Conversions

## Conversions Part 2

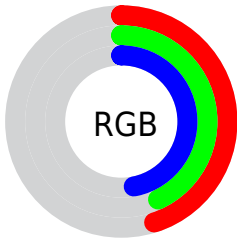
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 110, 120
Decimal	7630456
CIE Lab	47.26, 4.36, -4.71
CIE LCh	47, 6.414, 312.799
Yxy	16.2209, 0.3083, 0.3093
Android (android.graphics.Color)	4285820536 (0xFF746E78)
YUV	112.9340, 3.4835, 2.6889
Hunter-Lab	40.2752, 1.1775, -1.3205

# Details

The Hex color **746E78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **72786E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A8A2AC**, and **443E48** is the 20% darker color. If you saturate the color by 10%, you get **6F6278**, and if you desaturate by 10%, it is **797A78**.

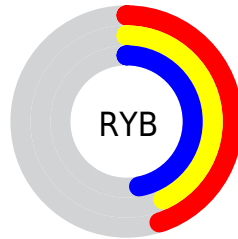
# Distribution



Red (45%)

Green (43%)

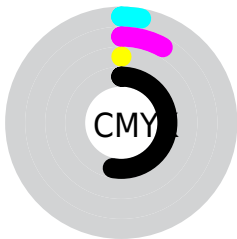
Blue (47%)



Red (45%)

Yellow (43%)

Blue (47%)

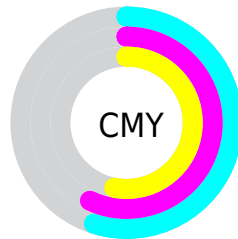


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (53%)



Cyan (55%)

Magenta (57%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 746E78 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 746E78 by changing the saturation by 10% instead.



■ 746E78

■ 746E78

FFFFFF

■ 5B565F

■ A8A2AC

■ 443E48

■ C3BDC8

■ 2E2931

■ DFD8E4

■ 19141C

■ FCF5FF

■ 000000

■ 746E78

■ 746E78

■ 6F6278

■ 797A78

■ 6A5678

■ 7E8678

■ 664A78

■ 829278

613E78

879E78

5C3278

8CAA78

572678

91B678

521A78

96C278

4E0E78

9ACE78

490278

9FDA78

# Harmonies

## Analogous

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



6D707A



746E78



796D73

# Triad

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



746E78



786F66



637372

# Complementary

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



746E78



72786E

# 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.



66736D



746E78



727066

# Square

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



746E78



7B6D69



6C7268



637377

# Rectangle

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



746E78



7B6C70



6C7268



647370



# Sweetspot

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



746E78



9A979C



6E7278



4E4C4F



CFCFCF



4F4F4F



# Same Dimension

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



746E78



958C9C



786E77



3B373D



4B007D



9700FC



# Inverse Universe

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



786E72



9C8C92



6E786F



3D373A



7D0032



FC0065



# Previews

## White Background



This preview shows how the Hex color 746E78 looks on a white background.

## Color Contrast Check

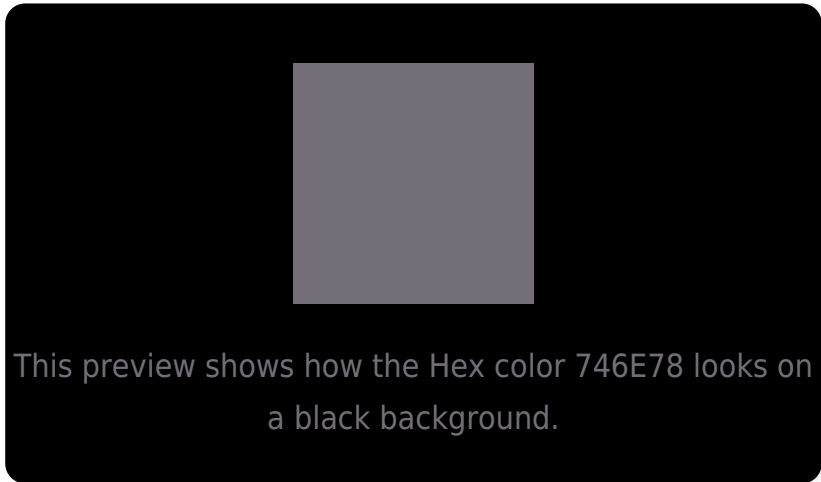
Large Text (above 18pt) WCAG AA ✓ Pass

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

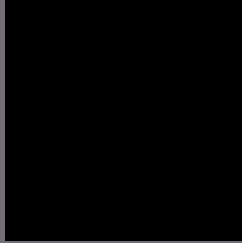
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 746E78 Background



This preview shows how black text looks on a background with the Hex color 746E78.



This preview shows how white text looks on a background with the Hex color 746E78.

# 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**  
746E78

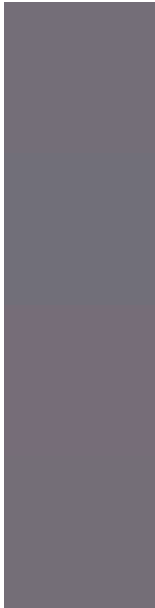
**Protanopia**  
706F79

**Deuteranopia**  
776D78



**Tritanopia**  
746E77

# Trichromacy



**Original Color**

746E78

**Protanomaly**

716F79

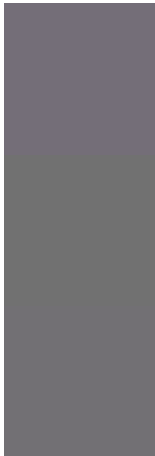
**Deuteranomaly**

766D78

**Tritanomaly**

746E77

# Monochromacy



**Original Color**

746E78

**Achromatopsia**

717171

**Achromatomaly**

727074

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 746E78 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 #746E78 looks like.

```
.text, #text, p{  
    color:#746E78  
}
```

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 #746E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #746E78  
}
```

## Border

The CSS property to change the border of an element to Hex 746E78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

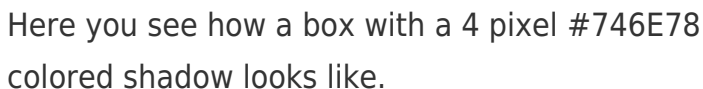
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#746E78 }
```

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

```
.border{ border-color:#746E78 }
```

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



Here you see how a box with a 4 pixel #746E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #746E78; -webkit-box-shadow:4px 4px  
4px 4px #746E78; box-shadow:4px 4px 4px  
4px #746E78 }
```

# Background

The CSS property to change the background color of an element to Hex 746E78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#746E78 }
```

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

```
.background{ background-color:#746E78 }
```

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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