

Converting Colors

Hex(746F78)

Have a look what the booklet for
Hex(746F78) contains.

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Color

Hex(746F78)

Conversions

Conversions Part 1

Format	Color
Hex	746F78
RGB	116, 111, 120
RGB Percent	45%, 44%, 47%
CMY	0.5451, 0.5647, 0.5294
CMYK	0.03, 0.07, 0.00, 0.53
HSL	273°, 4%, 45%
HSV	273°, 7%, 47%
XYZ	16.2771, 16.4379, 20.0842
YIQ	113.5210, 0.0910, 3.8590

Conversions

Conversions Part 2

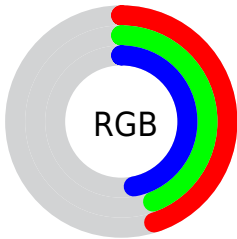
Format	Color
R_{YB}	116, 111, 120
Decimal	7630712
CIE Lab	47.54, 3.77, -4.29
CIE LCh	48, 5.708, 311.272
Yxy	16.4379, 0.3083, 0.3113
Android (android.graphics.Color)	4285820792 (0xFF746F78)
YUV	113.5210, 3.1941, 2.1741
Hunter-Lab	40.5437, 0.7107, -0.9900

Details

The Hex color **746F78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **73786F**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A8A3AC**, and **443F48** is the 20% darker color. If you saturate the color by 10%, you get **6F6378**, and if you desaturate by 10%, it is **797B78**.

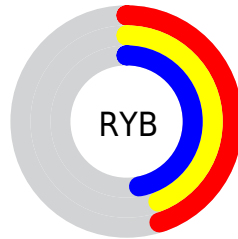
Distribution



Red (45%)

Green (44%)

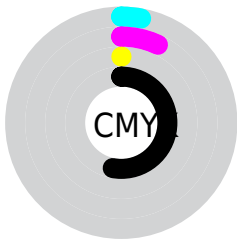
Blue (47%)



Red (45%)

Yellow (44%)

Blue (47%)

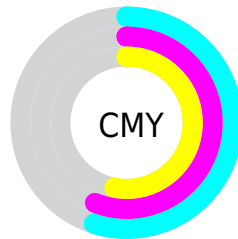


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (53%)



Cyan (55%)

Magenta (56%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 746F78 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 746F78 by changing the saturation by 10% instead.

■ 746F78

■ 746F78

FFFFFF

■ 5B575F

■ A8A3AC

■ 443F48

■ C3BEC8

■ 2E2931

■ DFD9E4

■ 19151C

■ FCF6FF

■ 000000

■ 746F78

■ 746F78

■ 6F6378

■ 797B78

■ 695778

■ 7F8778

■ 644B78

■ 849378

■ 5F3F78

■ 899F78

■ 593378

■ 8FAB78

■ 542778

■ 94B778

■ 4F1B78

■ 99C378

■ 490F78

■ 9FCF78

■ 440378

■ A4DB78

Harmonies

Analogous

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



6E717A



746F78



796E74

Triad

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



746F78



786F68



657472

Complementary

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



746F78



73786F

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.



68736E



746F78



737167

Square

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



746F78



7B6E6B



6D7269



657377

Rectangle

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



746F78



7B6E71



6D7269



667471

Sweetspot

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



746F78



9A989C



6F7378



4E4D4F



CFCFCF



4F4F4F

Same Dimension

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



746F78



958E9C



786F78



3A373D



45007D



8C00FC

Inverse Universe

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



786F73



9C8E94



6F786F



3D373A



7D0038



FC0070

Previews

White Background



This preview shows how the Hex color 746F78 looks on a white background.

Color Contrast Check

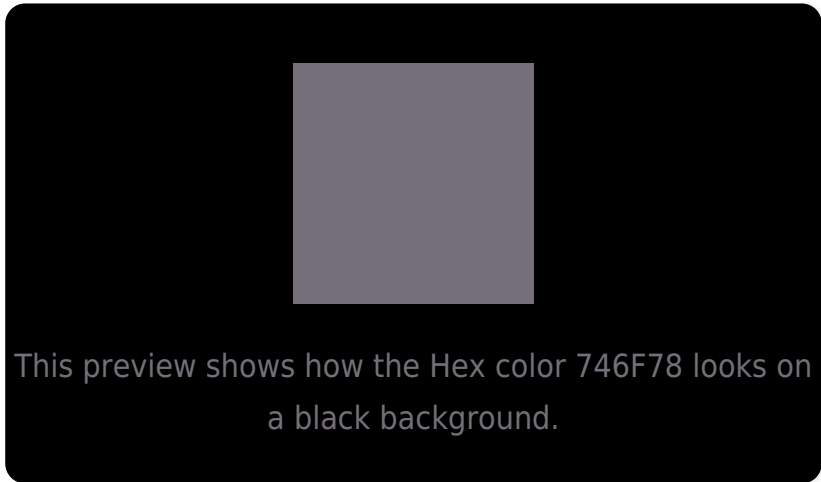
Large Text (above 18pt) WCAG AA ✓ Pass

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

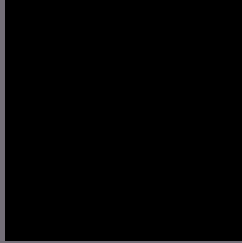
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

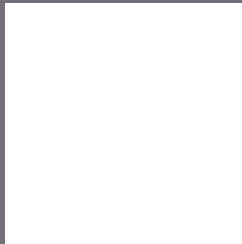
Any Text WCAG AAA × Fail

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

Hex 746F78 Background



This preview shows how black text looks on a background with the Hex color 746F78.



This preview shows how white text looks on a background with the Hex color 746F78.

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

746F78

Protanopia

707079

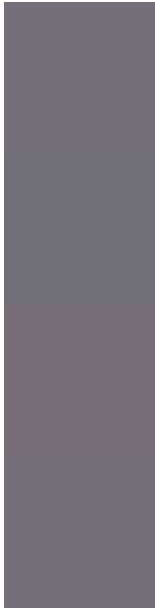
Deuteranopia

786E78



Tritanopia
746F78

Trichromacy



Original Color

746F78

Protanomaly

717079

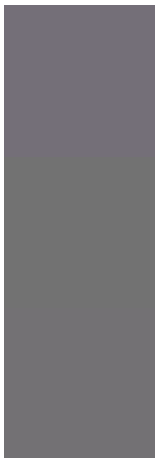
Deuteranomaly

776E78

Tritanomaly

746F78

Monochromacy



Original Color

746F78

Achromatopsia

727272

Achromatomaly

737174

CSS Examples

Text

The CSS property to change the color of the text to Hex 746F78 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 #746F78 looks like.

```
.text, #text, p{  
    color:#746F78  
}
```

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 #746F78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #746F78  
}
```

Border

The CSS property to change the border of an element to Hex 746F78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

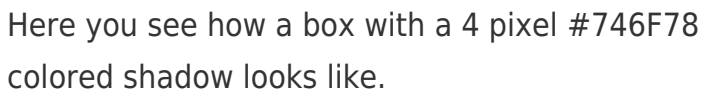
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#746F78 }
```

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

```
.border{ border-color:#746F78 }
```

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



Here you see how a box with a 4 pixel #746F78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #746F78; -webkit-box-shadow:4px 4px  
4px 4px #746F78; box-shadow:4px 4px 4px  
4px #746F78 }
```

Background

The CSS property to change the background color of an element to Hex 746F78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#746F78 }
```

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

```
.background{ background-color:#746F78 }
```

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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