

Converting Colors

Hex(746B78)

Have a look what the booklet for
Hex(746B78) contains.

Hex(746B78)	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(746B78)

Conversions

Conversions Part 1

Format	Color
Hex	746B78
RGB	116, 107, 120
RGB Percent	45%, 42%, 47%
CMY	0.5451, 0.5804, 0.5294
CMYK	0.03, 0.11, 0.00, 0.53
HSL	282°, 6%, 45%
HSV	282°, 11%, 47%
XYZ	15.8503, 15.5845, 19.9420
YIQ	111.1730, 1.1910, 5.9510

Conversions

Conversions Part 2

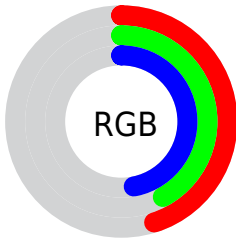
Format	Color
R_{YB}	116, 107, 120
Decimal	7629688
CIE _{Lab}	46.42, 6.14, -5.95
CIE _{LCh}	46, 8.552, 315.907
Yxy	15.5845, 0.3085, 0.3033
Android (android.graphics.Color)	4285819768 (0xFF746B78)
YUV	111.1730, 4.3517, 4.2333
Hunter-Lab	39.4772, 2.5838, -2.3165

Details

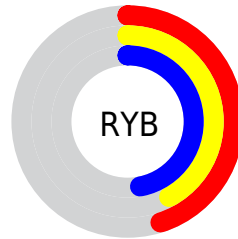
The Hex color **746B78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F786B**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A89EAC**, and **443C48** is the 20% darker color. If you saturate the color by 10%, you get **705F78**, and if you desaturate by 10%, it is **787778**.

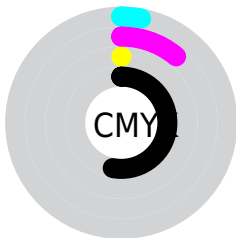
Distribution



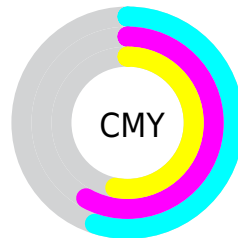
- Red (45%)
- Green (42%)
- Blue (47%)



- Red (45%)
- Yellow (42%)
- Blue (47%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)
- Black (53%)



- Cyan (55%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 746B78 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 746B78 by changing the saturation by 10% instead.

■ 746B78

■ 746B78

FFFFFF

■ 5B535F

■ A89EAC

■ 443C48

■ C3B9C8

■ 2E2631

■ DFD5E4

■ 19121C

■ FCF1FF

■ 000000

■ 746B78

■ 746B78

■ 705F78

■ 787778

■ 6D5378

■ 7B8378

■ 694778

■ 7F8F78

■ 653B78

■ 839B78

■ 622F78

■ 86A778

■ 5E2378

■ 8AB378

■ 5A1778

■ 8EBF78

■ 560B78

■ 92CB78

■ 530078

■ 95D778

Harmonies

Analogous

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



6B6D7C



746B78



7B6972

Triad

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



746B78



776C60



5C7272

Complementary

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



746B78



6F786B

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.



60726A



746B78



706F60

Square

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



746B78



7C6A64



677164



5D7178

Rectangle

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



746B78



7D696D



677164



5D726F

Sweetspot

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



746B78



9A979C



6B6F78



4E4C4F



CFCFCF



4F4F4F

Same Dimension

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



746B78



95879C



786B76



3B373D



57007D



AF00FC

Inverse Universe

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



786B6F



9C878E



6B786D



3D3739



7D0026



FC004E

Previews

White Background



This preview shows how the Hex color 746B78 looks on a white background.

Color Contrast Check

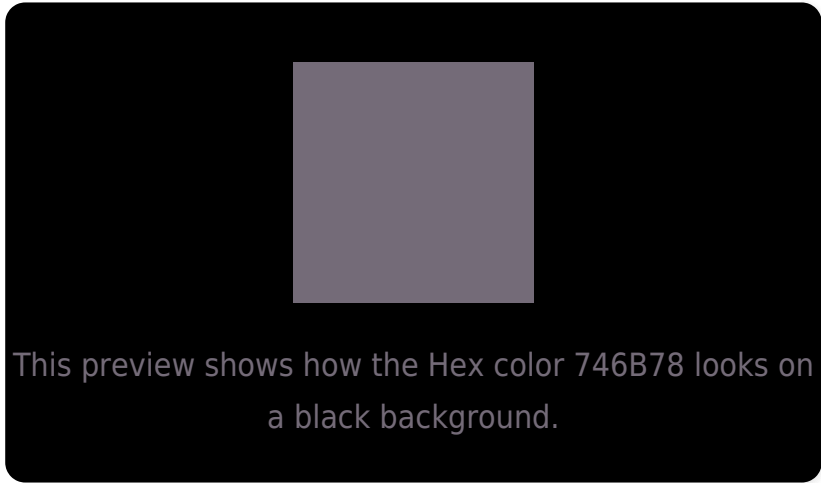
Large Text (above 18pt) WCAG AA ✓ Pass

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

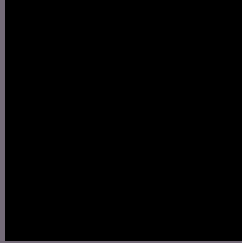
Any Text WCAG AA × Fail

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 746B78 Background



This preview shows how black text looks on a background with the Hex color 746B78.

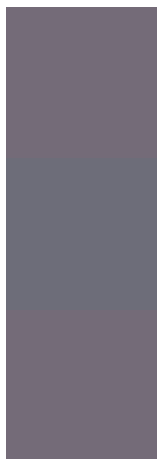


This preview shows how white text looks on a background with the Hex color 746B78.

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


746B78

Protanopia

6D6D79

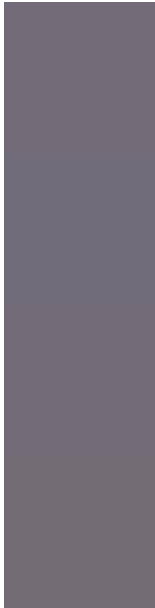
Deuteranopia

746B78



Tritanopia
736C74

Trichromacy



Original Color

746B78

Protanomaly

706C79

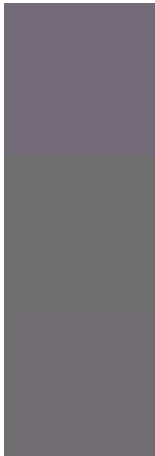
Deuteranomaly

746B78

Tritanomaly

736C75

Monochromacy



Original Color

746B78

Achromatopsia

6F6F6F

Achromatomaly

716E72

CSS Examples

Text

The CSS property to change the color of the text to Hex 746B78 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 #746B78 looks like.

```
.text, #text, p{  
    color:#746B78  
}
```

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 #746B78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #746B78
}
```

Border

The CSS property to change the border of an element to Hex 746B78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

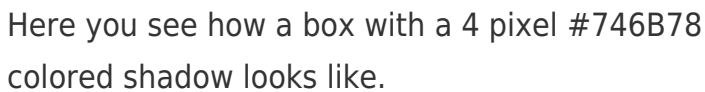
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#746B78 }
```

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

```
.border{ border-color:#746B78 }
```

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



Here you see how a box with a 4 pixel #746B78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #746B78; -webkit-box-shadow:4px 4px  
4px 4px #746B78; box-shadow:4px 4px 4px  
4px #746B78 }
```

Background

The CSS property to change the background color of an element to Hex 746B78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#746B78 }
```

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

```
.background{ background-color:#746B78 }
```

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