

Converting Colors

Hex(766E7B)

Have a look what the booklet for
Hex(766E7B) contains.

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Color

Hex(766E7B)

Conversions

Conversions Part 1

Format	Color
Hex	766E7B
RGB	118, 110, 123
RGB Percent	46%, 43%, 48%
CMY	0.5373, 0.5686, 0.5176
CMYK	0.04, 0.11, 0.00, 0.52
HSL	277°, 6%, 46%
HSV	277°, 11%, 48%
XYZ	16.6223, 16.4335, 21.0348
YIQ	113.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

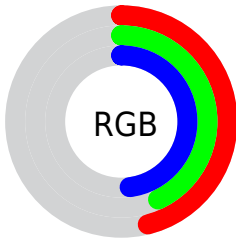
Format	Color
R_{YB}	118, 110, 123
Decimal	7761531
CIE Lab	47.54, 5.74, -6.07
CIE LCh	48, 8.353, 313.404
Yxy	16.4335, 0.3073, 0.3038
Android (android.graphics.Color)	4285951611 (0xFF766E7B)
YUV	113.8740, 4.4991, 3.6185
Hunter-Lab	40.5382, 2.2503, -2.3881

Details

The Hex color **766E7B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **737B6E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **AAA2AF**, and **463E4A** is the 20% darker color. If you saturate the color by 10%, you get **71627B**, and if you desaturate by 10%, it is **7B7A7B**.

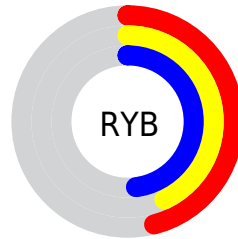
Distribution



Red (46%)

Green (43%)

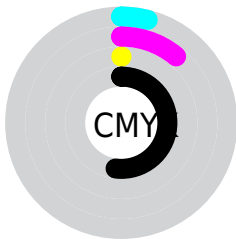
Blue (48%)



Red (46%)

Yellow (43%)

Blue (48%)

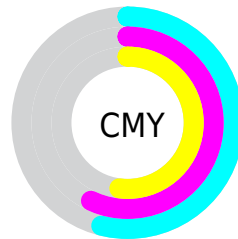


Cyan (4%)

Magenta (11%)

Yellow (0%)

Black (52%)



Cyan (54%)

Magenta (57%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 766E7B 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 766E7B by changing the saturation by 10% instead.

■ 766E7B

■ 766E7B

FFFFFF

■ 5D5662

■ AAA2AF

■ 463E4A

■ C5BDCB

■ 2F2934

■ E1D8E7

■ 1A141F

■ FEF5FF

■ 000004

■ 000000

■ 766E7B

■ 766E7B

■ 71627B

■ 7B7A7B

■ 6D557B

■ 7F877B

68497B

84937B

633D7B

899F7B

5E317B

8EAC7B

5A247B

92B87B

55187B

97C47B

500C7B

9CD07B

4C007B

A1DD7B

Harmonies

Analogous

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



6D707E



766E7B



7D6C75

Triad

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



766E7B



7A6F63



607574

Complementary

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



766E7B



737B6E

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.



64756D



766E7B



737163

Square

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



766E7B



7F6D67



6B7366



60747A

Rectangle

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



766E7B



7F6C70



6B7366



617571

Sweetspot

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



766E7B



9F9CA1



6E737B



504E52



D1D1D1



525252

Same Dimension

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



766E7B



998CA1



7B6E7A



3B373D



4D007D



9B00FC

Inverse Universe

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



7B6E73



A18C94



6E7B6F



3D3739



7D0030



FC0061

Previews

White Background



This preview shows how the Hex color 766E7B looks on a white background.

Color Contrast Check

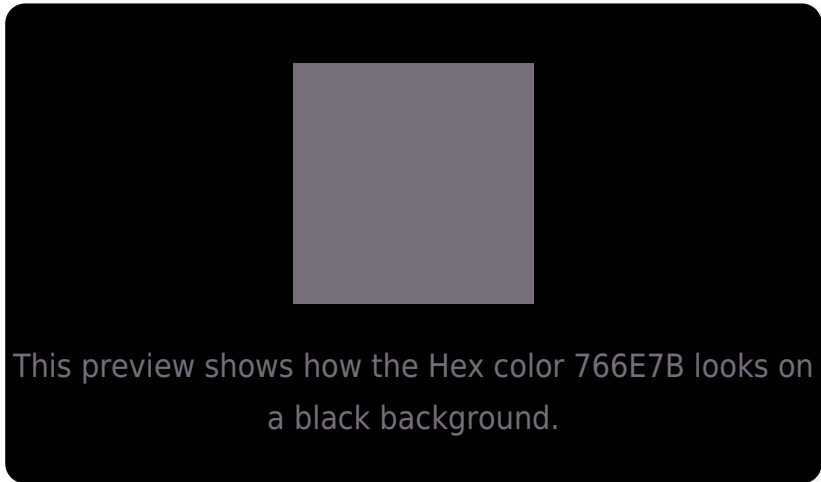
Large Text (above 18pt) WCAG AA ✓ Pass

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

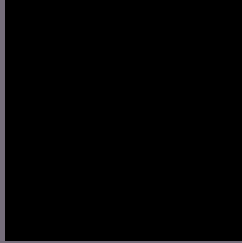
Any Text WCAG AA × Fail

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 766E7B Background



This preview shows how black text looks on a background with the Hex color 766E7B.



This preview shows how white text looks on a background with the Hex color 766E7B.

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

766E7B

Protanopia

6F707C

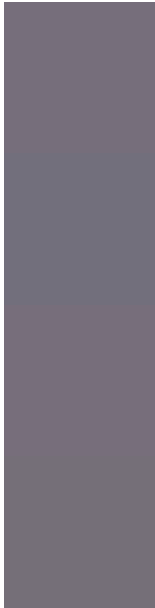
Deuteranopia

776E7B



Tritanopia
756F77

Trichromacy



Original Color

766E7B

Protanomaly

726F7C

Deuteranomaly

776E7B

Tritanomaly

756F78

Monochromacy



Original Color

766E7B

Achromatopsia

727272

Achromatomaly

737175

CSS Examples

Text

The CSS property to change the color of the text to Hex 766E7B 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 #766E7B looks like.

```
.text, #text, p{  
    color:#766E7B  
}
```

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 #766E7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766E7B
}
```

Border

The CSS property to change the border of an element to Hex 766E7B is called "border". The border property can be set on classes, ids or directly on the HTML element.

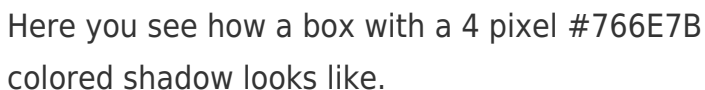
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#766E7B }
```

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

```
.border{ border-color:#766E7B }
```

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



Here you see how a box with a 4 pixel `#766E7B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766E7B; -webkit-box-shadow:4px 4px  
4px 4px #766E7B; box-shadow:4px 4px 4px  
4px #766E7B }
```

Background

The CSS property to change the background color of an element to Hex 766E7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766E7B }
```

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

```
.background{ background-color:#766E7B }
```

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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