

# Converting Colors

Hex(776E7D)

Have a look what the booklet for  
Hex(776E7D) contains.

|                                                |    |
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# Color

**Hex(776E7D)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 776E7D                    |
| RGB           | 119, 110, 125             |
| RGB Percent   | 47%, 43%, 49%             |
| CMY           | 0.5333, 0.5686, 0.5098    |
| CMYK          | 0.05, 0.12, 0.00, 0.51    |
| HSL           | 276°, 6%, 46%             |
| HSV           | 276°, 12%, 49%            |
| XYZ           | 16.8854, 16.5545, 21.7074 |
| YIQ           | 114.4010, 0.5490, 6.5730  |

# Conversions

## Conversions Part 2

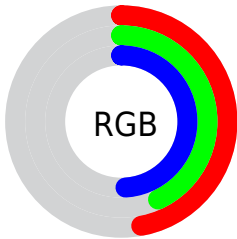
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>R<sub>YB</sub></b>               | 119, 110, 125               |
| Decimal                             | 7827069                     |
| CIE <sub>Lab</sub>                  | 47.69, 6.54, -7.02          |
| CIE <sub>LCh</sub>                  | 48, 9.592, 312.957          |
| Yxy                                 | 16.5545, 0.3062,<br>0.3002  |
| Android<br>(android.graphics.Color) | 4286017149<br>(0xFF776E7D)  |
| <b>YUV</b>                          | 114.4010, 5.2253,<br>4.0333 |
| Hunter-Lab                          | 40.6872, 2.8757,<br>-3.1514 |

# Details

The Hex color **776E7D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **747D6E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **ABA2B2**, and **473E4C** is the 20% darker color. If you saturate the color by 10%, you get **72627D**, and if you desaturate by 10%, it is **7C7B7D**.

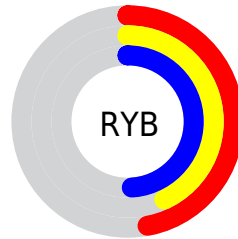
# Distribution



Red (47%)

Green (43%)

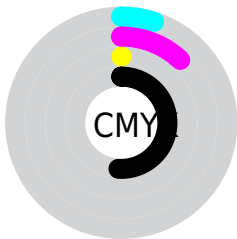
Blue (49%)



Red (47%)

Yellow (43%)

Blue (49%)

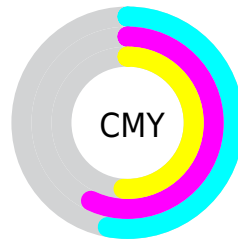


Cyan (5%)

Magenta (12%)

Yellow (0%)

Black (51%)



Cyan (53%)

Magenta (57%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 776E7D 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 776E7D by changing the saturation by 10% instead.





776E7D



776E7D

FFFFFF



5E5664



ABA2B2



473E4C



C7BDCD



302935



E3D8E9



1B1420



FFF5FF



000007



000000



776E7D



776E7D



72627D



7C7B7D



6D557D



81877D

68497D

86947D

633C7D

8BA07D

5E307D

90AD7D

59237D

95B97D

54177D

9AC67D

4F0A7D

9FD27D

4B007D

A4DF7D

# Harmonies

## Analogous

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



6D7181



776E7D



7F6C76

# Triad

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



776E7D



7C6F62



5D7674

# Complementary

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



776E7D



747D6E

# 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.



62766C



776E7D



747261

# Square

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



776E7D



816D66



6B7465



5D757C

# Rectangle

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



776E7D



826C71



6B7465



5E7672



# Sweetspot

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



776E7D



A19DA3



6E747D



504E52



D1D1D1



525252



# Same Dimension

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



776E7D



9A8CA3



7D6E7C



3D3940



4D0080



000000



# Inverse Universe

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



7D6E74



A38C95



6E7D70



40393C



800033



000000



# Previews

## White Background



This preview shows how the Hex color 776E7D looks on a white background.

## Color Contrast Check

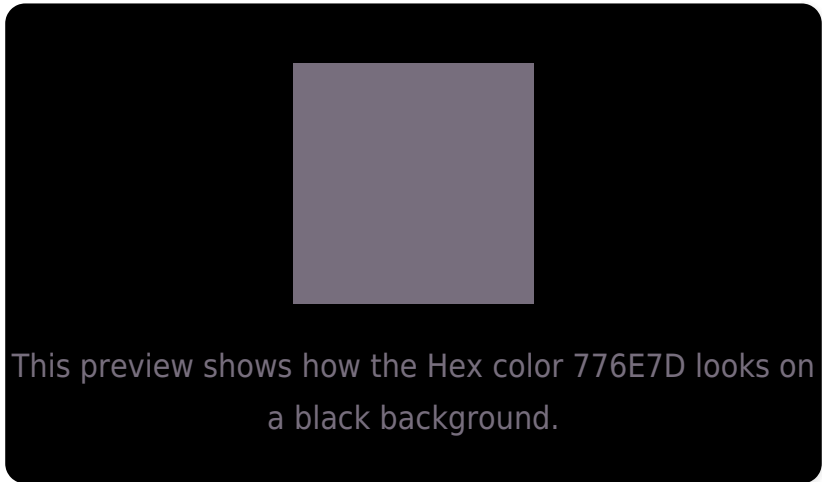
Large Text (above 18pt) WCAG AA ✓ Pass

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

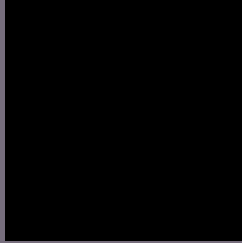
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 776E7D Background



This preview shows how black text looks on a background with the Hex color 776E7D.



This preview shows how white text looks on a background with the Hex color 776E7D.

# 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**

776E7D

**Protanopia**

6F707E

**Deuteranopia**

776E7D



**Tritanopia**  
766F78

# Trichromacy



**Original Color**

776E7D

**Protanomaly**

726F7E

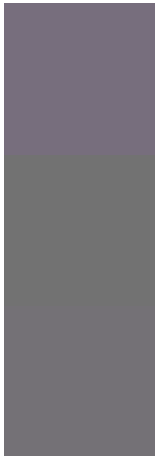
**Deuteranomaly**

776E7D

**Tritanomaly**

766F7A

# Monochromacy



**Original Color**

776E7D

**Achromatopsia**

727272

**Achromatomaly**

747176

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 776E7D 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 #776E7D looks like.

```
.text, #text, p{  
    color:#776E7D  
}
```

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 #776E7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #776E7D
}
```

## Border

The CSS property to change the border of an element to Hex 776E7D is called "border". The border property can be set on classes, ids or directly on the HTML element.

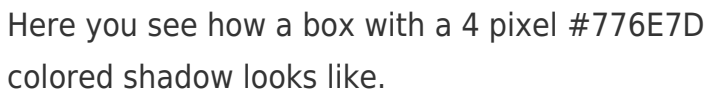
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#776E7D }
```

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

```
.border{ border-color:#776E7D }
```

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



Here you see how a box with a 4 pixel #776E7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #776E7D; -webkit-box-shadow:4px 4px  
4px 4px #776E7D; box-shadow:4px 4px 4px  
4px #776E7D }
```

# Background

The CSS property to change the background color of an element to Hex 776E7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#776E7D }
```

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

```
.background{ background-color:#776E7D }
```

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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