

Converting Colors

Hex(766D7D)

Have a look what the booklet for
Hex(766D7D) contains.

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Color

Hex(766D7D)

Conversions

Conversions Part 1

Format	Color
Hex	766D7D
RGB	118, 109, 125
RGB Percent	46%, 43%, 49%
CMY	0.5373, 0.5725, 0.5098
CMYK	0.06, 0.13, 0.00, 0.51
HSL	274°, 7%, 46%
HSV	274°, 13%, 49%
XYZ	16.6415, 16.2695, 21.6653
YIQ	113.5150, 0.2280, 6.8840

Conversions

Conversions Part 2

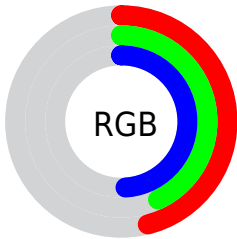
Format	Color
R_{YB}	118, 109, 125
Decimal	7761277
CIE Lab	47.33, 6.76, -7.58
CIE LCh	47, 10.156, 311.740
Yxy	16.2695, 0.3049, 0.2981
Android (android.graphics.Color)	4285951357 (0xFF766D7D)
YUV	113.5150, 5.6621, 3.9333
Hunter-Lab	40.3355, 3.0581, -3.6114

Details

The Hex color **766D7D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **747D6D**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **AAA0B2**, and **463E4C** is the 20% darker color. If you saturate the color by 10%, you get **71617D**, and if you desaturate by 10%, it is **7B7A7D**.

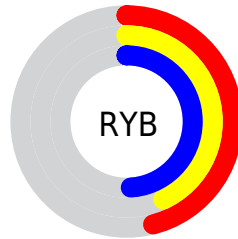
Distribution



Red (46%)

Green (43%)

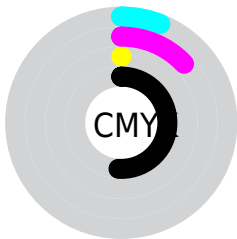
Blue (49%)



Red (46%)

Yellow (43%)

Blue (49%)

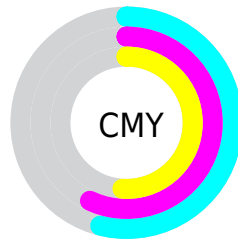


Cyan (6%)

Magenta (13%)

Yellow (0%)

Black (51%)



Cyan (54%)

Magenta (57%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 766D7D 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 766D7D by changing the saturation by 10% instead.

■ 766D7D

■ 766D7D

FFFFFF

■ 5D5564

■ AAA0B2

■ 463E4C

■ C5BBCD

■ 2F2835

■ E1D7E9

■ 1A1320

■ FEF4FF

■ 000007

■ 000000

■ 766D7D

■ 766D7D

■ 71617D

■ 7B7A7D

■ 6B547D

■ 81867D

66487D

86937D

603B7D

8C9F7D

5B2F7D

91AC7D

55227D

97B87D

50167D

9CC57D

4A097D

A2D17D

46007D

A7DE7D

Harmonies

Analogous

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



6B7081



766D7D



7E6B76

Triad

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



766D7D



7C6E60



5B7573

Complementary

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



766D7D



747D6D

Split Complementary

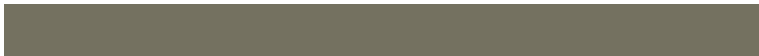
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61756B



766D7D



747160

Square

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



766D7D



816C65



6A7363



5B757B

Rectangle

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



766D7D



826A70



6A7363



5C7570

Sweetspot

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



766D7D



A09DA3



6D747D



504E52



D1D1D1



525252

Same Dimension

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



766D7D



988BA3



7D6D7C



3D3940



480080



000000

Inverse Universe

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



7D6D74



A38B95



6D7D6E



40393C



800038



000000

Previews

White Background



This preview shows how the Hex color 766D7D looks on a white background.

Color Contrast Check

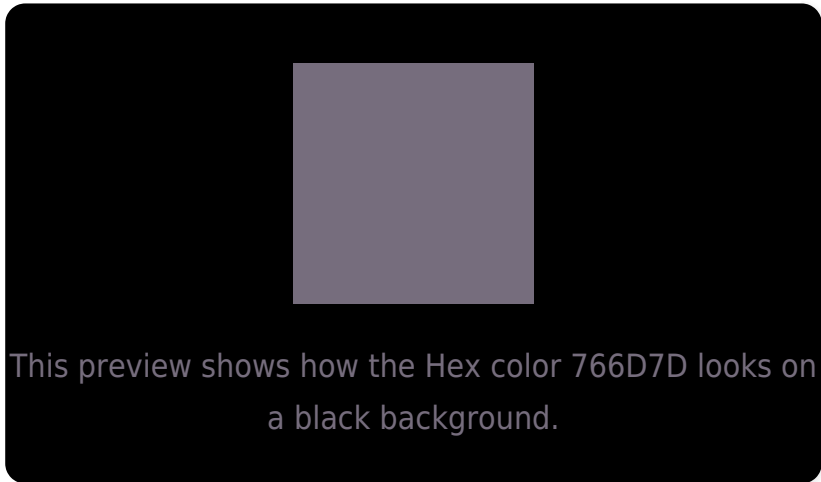
Large Text (above 18pt) WCAG AA ✓ Pass

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

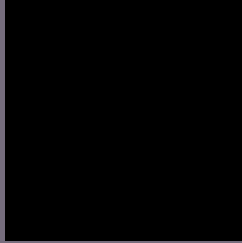
Any Text WCAG AA × Fail

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 766D7D Background



This preview shows how black text looks on a background with the Hex color 766D7D.



This preview shows how white text looks on a background with the Hex color 766D7D.

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

766D7D

Protanopia

6E6F7F

Deuteranopia

756D7D



Tritanopia
756E77

Trichromacy



Original Color

766D7D

Protanomaly

716E7E

Deuteranomaly

756D7D

Tritanomaly

756E79

Monochromacy



Original Color

766D7D

Achromatopsia

727272

Achromatomaly

737076

CSS Examples

Text

The CSS property to change the color of the text to Hex 766D7D 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 #766D7D looks like.

```
.text, #text, p{  
    color:#766D7D  
}
```

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 #766D7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766D7D  
}
```

Border

The CSS property to change the border of an element to Hex 766D7D 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  
#766D7D }
```

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

```
.border{ border-color:#766D7D }
```

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

Here you see how a box with a 4 pixel #766D7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766D7D; -webkit-box-shadow:4px 4px  
4px 4px #766D7D; box-shadow:4px 4px 4px  
4px #766D7D }
```

Background

The CSS property to change the background color of an element to Hex 766D7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766D7D }
```

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

```
.background{ background-color:#766D7D }
```

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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