

Converting Colors

Hex(766D77)

Have a look what the booklet for
Hex(766D77) contains.

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Color

Hex(766D77)

Conversions

Conversions Part 1

Format	Color
Hex	766D77
RGB	118, 109, 119
RGB Percent	46%, 43%, 47%
CMY	0.5373, 0.5725, 0.5333
CMYK	0.01, 0.08, 0.00, 0.53
HSL	294°, 4%, 45%
HSV	294°, 8%, 47%
XYZ	16.2696, 16.1207, 19.7069
YIQ	112.8310, 2.1540, 5.0180

Conversions

Conversions Part 2

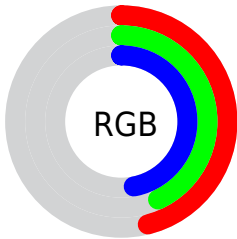
Format	Color
RYB	118, 109, 119
Decimal	7761271
CIELab	47.13, 5.50, -4.28
CIELCh	47, 6.968, 322.079
Yxy	16.1207, 0.3123, 0.3094
Android (android.graphics.Color)	4285951351 (0xFF766D77)
YUV	112.8310, 3.0413, 4.5332
Hunter-Lab	40.1506, 2.0672, -0.9955

Details

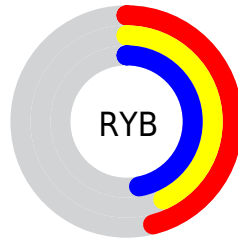
The Hex color **766D77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E776D**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **AAA0AB**, and **463E47** is the 20% darker color. If you saturate the color by 10%, you get **756177**, and if you desaturate by 10%, it is **777977**.

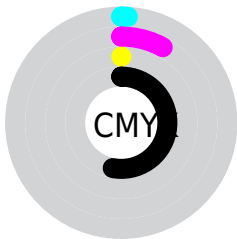
Distribution



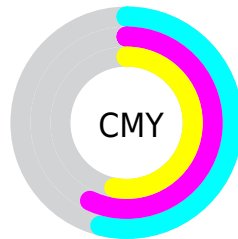
- Red (46%)
- Green (43%)
- Blue (47%)



- Red (46%)
- Yellow (43%)
- Blue (47%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (53%)



- Cyan (54%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 766D77 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 766D77 by changing the saturation by 10% instead.

 766D77

 766D77

FFFFFF

 5D555E

 AAA0AB

 463E47

 C5BBC6

 2F2830

 E1D7E2

 1B131B

 FEF4FF

 000000

 766D77

 766D77

 756177

 777977

 745577

 788577

 724977

 7A9177

713D77

7B9D77

703177

7CA877

6F2677

7DB477

6E1A77

7EC077

6C0E77

80CC77

6B0277

81D877

Harmonies

Analogous

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



6F6F7B



766D77



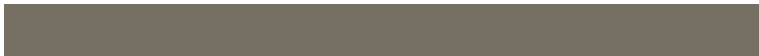
7B6C72

Triad

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



766D77



766F64



617374

Complementary

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



766D77



6E776D

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.



64736E



766D77



707165

Square

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



766D77



7B6D67



697268



637279

Rectangle

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



766D77



7C6C6E



697268



627372

Sweetspot

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



766D77



9B979C



6D6E77



4F4C4F



CFCFCF



4F4F4F

Same Dimension

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



766D77



9A8C9C



776D73



3A353B



6E007A



E100FA

Inverse Universe

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



776D6E



9C8C8E



6D7771



3B3535



7A000C



FA0019

Previews

White Background



This preview shows how the Hex color 766D77 looks on a white background.

Color Contrast Check

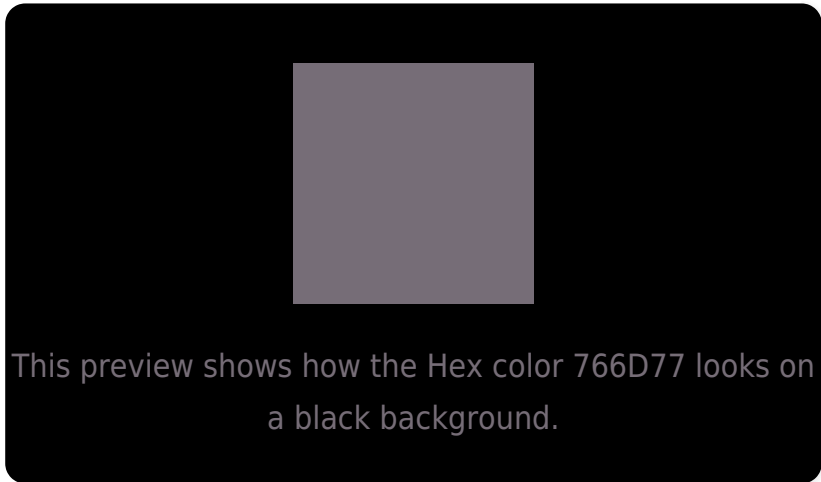
Large Text (above 18pt) WCAG AA ✓ Pass

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

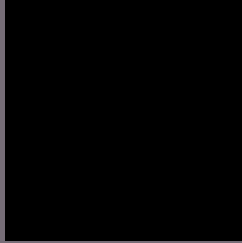
Any Text WCAG AA × Fail

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 766D77 Background



This preview shows how black text looks on a background with the Hex color 766D77.

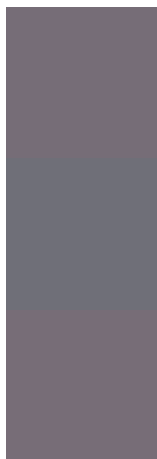


This preview shows how white text looks on a background with the Hex color 766D77.

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

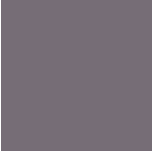
766D77

Protanopia

6F6F78

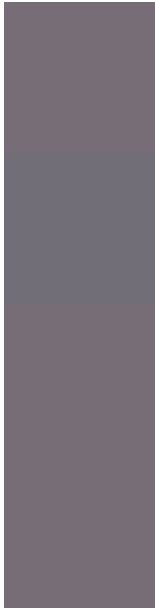
Deuteranopia

776D77



Tritanopia
766D76

Trichromacy



Original Color

766D77

Protanomaly

726E78

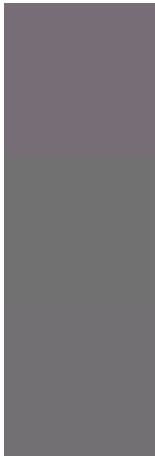
Deuteranomaly

776D77

Tritanomaly

766D76

Monochromacy



Original Color

766D77

Achromatopsia

717171

Achromatomaly

737073

CSS Examples

Text

The CSS property to change the color of the text to Hex 766D77 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 #766D77 looks like.

```
.text, #text, p{  
    color:#766D77  
}
```

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 #766D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766D77
}
```

Border

The CSS property to change the border of an element to Hex 766D77 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
#766D77 }
```

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

```
.border{ border-color:#766D77 }
```

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

Here you see how a box with a 4 pixel #766D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766D77; -webkit-box-shadow:4px 4px  
4px 4px #766D77; box-shadow:4px 4px 4px  
4px #766D77 }
```

Background

The CSS property to change the background color of an element to Hex 766D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766D77 }
```

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

```
.background{ background-color:#766D77 }
```

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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