

Converting Colors

Hex(706D77)

Have a look what the booklet for
Hex(706D77) contains.

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Color

Hex(706D77)

Conversions

Conversions Part 1

Format	Color
Hex	706D77
RGB	112, 109, 119
RGB Percent	44%, 43%, 47%
CMY	0.5608, 0.5725, 0.5333
CMYK	0.06, 0.08, 0.00, 0.53
HSL	258°, 4%, 45%
HSV	258°, 8%, 47%
XYZ	15.4805, 15.7139, 19.6699
YIQ	111.0370, -1.4220, 3.7460

Conversions

Conversions Part 2

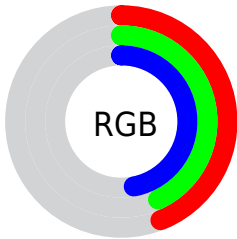
Format	Color
R_{YB}	112, 109, 119
Decimal	7368055
CIE Lab	46.60, 3.24, -5.13
CIE LCh	47, 6.073, 302.268
Yxy	15.7139, 0.3043, 0.3089
Android (android.graphics.Color)	4285558135 (0xFF706D77)
YUV	111.0370, 3.9258, 0.8446
Hunter-Lab	39.6408, 0.3363, -1.6714

Details

The Hex color **706D77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **74776D**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A4A0AB**, and **403E47** is the 20% darker color. If you saturate the color by 10%, you get **686177**, and if you desaturate by 10%, it is **787977**.

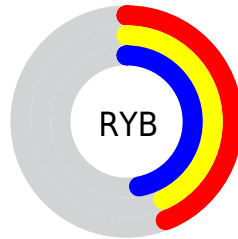
Distribution



Red (44%)

Green (43%)

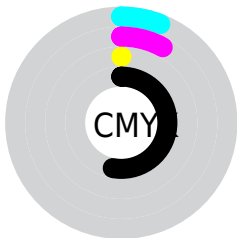
Blue (47%)



Red (44%)

Yellow (43%)

Blue (47%)

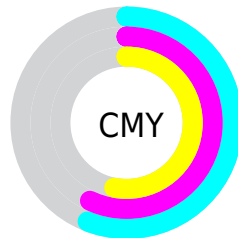


Cyan (6%)

Magenta (8%)

Yellow (0%)

Black (53%)



Cyan (56%)

Magenta (57%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 706D77 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 706D77 by changing the saturation by 10% instead.



706D77



706D77

FFFFFF



58555E



A4A0AB



403E47



BFBBC6



2A2830



DBD7E2



16131B



F7F4FF



000000



706D77



706D77



686177



787977



5F5577



818577



574977



899177

■ 4F3D77

■ 919D77

■ 463177

■ 9AA877

■ 3E2677

■ A2B477

■ 361A77

■ AAC077

■ 2D0E77

■ B3CC77

■ 250277

■ BBD877

Harmonies

Analogous

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



6A6F78



706D77



766C73

Triad

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



706D77



776D66



63726F

Complementary

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



706D77



74776D

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.



67716A



706D77



726E64

Square

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



706D77



796B69



6D7066



627174

Rectangle

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



706D77



786B70



6D7066



64716D

Sweetspot

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



706D77



98979C



6D7477



4D4C4F



CFCFCF



4F4F4F

Same Dimension

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



706D77



918C9C



756D77



37353B



25007A



4B00FA

Inverse Universe

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



776D74



9C8C97



6F776D



3B3539



7A0056



FA00AF

Previews

White Background



This preview shows how the Hex color 706D77 looks on a white background.

Color Contrast Check

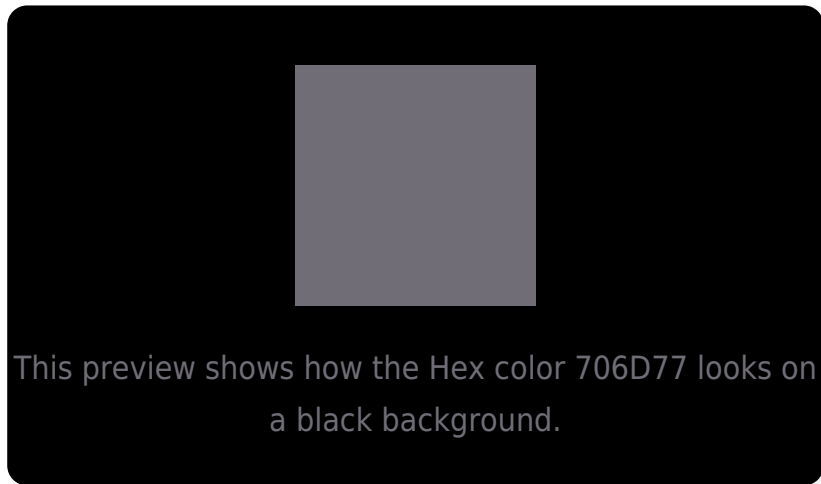
Large Text (above 18pt) WCAG AA ✓ Pass

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

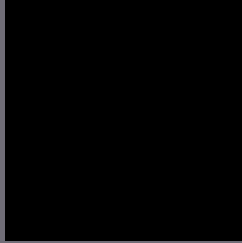
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

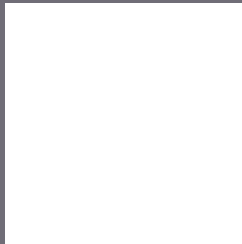
Any Text WCAG AAA × Fail

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

Hex 706D77 Background



This preview shows how black text looks on a background with the Hex color 706D77.



This preview shows how white text looks on a background with the Hex color 706D77.

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
706D77

Protanopia
6E6E77

Deuteranopia
756B77



Tritanopia
706D76

Trichromacy



Original Color

706D77

Protanomaly

6F6E77

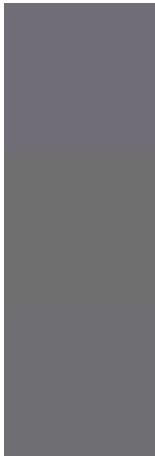
Deuteranomaly

736C77

Tritanomaly

706D76

Monochromacy



Original Color

706D77

Achromatopsia

6F6F6F

Achromatomaly

6F6E72

CSS Examples

Text

The CSS property to change the color of the text to Hex 706D77 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 #706D77 looks like.

```
.text, #text, p{  
    color:#706D77  
}
```

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 #706D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706D77
}
```

Border

The CSS property to change the border of an element to Hex 706D77 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
#706D77 }
```

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

```
.border{ border-color:#706D77 }
```

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

Here you see how a box with a 4 pixel #706D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706D77; -webkit-box-shadow:4px 4px  
4px 4px #706D77; box-shadow:4px 4px 4px  
4px #706D77 }
```

Background

The CSS property to change the background color of an element to Hex 706D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706D77 }
```

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

```
.background{ background-color:#706D77 }
```

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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