

Converting Colors

Hex(746A6A)

Have a look what the booklet for
Hex(746A6A) contains.

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Color

Hex(746A6A)

Conversions

Conversions Part 1

Format	Color
Hex	746A6A
RGB	116, 106, 106
RGB Percent	45%, 42%, 42%
CMY	0.5451, 0.5843, 0.5843
CMYK	0.00, 0.09, 0.09, 0.55
HSL	0°, 5%, 44%
HSV	0°, 9%, 45%
XYZ	14.9580, 15.0617, 15.7545
YIQ	108.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

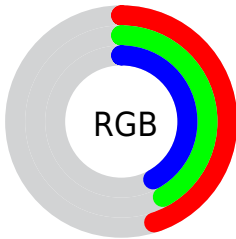
Format	Color
R_{YB}	116, 106, 106
Decimal	7629418
CIE Lab	45.72, 3.92, 1.41
CIE LCh	46, 4.168, 19.832
Yxy	15.0617, 0.3268, 0.3290
Android (android.graphics.Color)	4285819498 (0xFF746A6A)
YUV	108.9900, -1.4741, 6.1478
Hunter-Lab	38.8094, 0.8815, 3.0981

Details

The Hex color **746A6A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A7474**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A89D9D**, and **443B3B** is the 20% darker color. If you saturate the color by 10%, you get **745E5E**, and if you desaturate by 10%, it is **747676**.

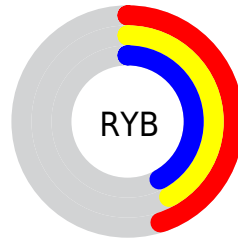
Distribution



Red (45%)

Green (42%)

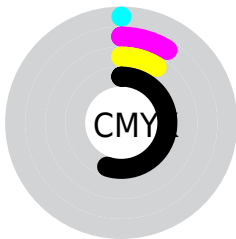
Blue (42%)



Red (45%)

Yellow (42%)

Blue (42%)

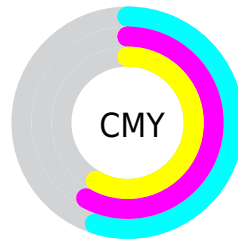


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (55%)



Cyan (55%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 746A6A 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 746A6A by changing the saturation by 10% instead.



746A6A



746A6A

FFFFFF



5B5252



A89D9D



443B3B



C3B8B8



2E2525



DFD4D4



191010



FCF0F0



000000



746A6A



746A6A



745E5E



747676



745353



748181



744747



748D8D

 743C3C

 749898

 743030

 74A4A4

 742424

 74B0B0

 741919

 74BBBB

 740D0D

 74C7C7

 740202

 74D2D2

Harmonies

Analogous

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



736A6E



746A6A



736B67

Triad

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



746A6A



696E68



676D73

Complementary

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



746A6A



6A7474

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.



656E71



746A6A



656E6B

Square

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



746A6A



6D6D66



646E6E



6C6C73

Rectangle

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



746A6A



726B66



646E6E



666D73

Sweetspot

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



746A6A



969292



746A74



4D4949



CCCCCC



4D4D4D

Same Dimension

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



746A6A



968787



746F6A



3B3535



7A0000



FA0000

Inverse Universe

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



6A7474



879696



6A6F74



353B3B



007A7A



00FAFA

Previews

White Background



This preview shows how the Hex color 746A6A looks on a white background.

Color Contrast Check

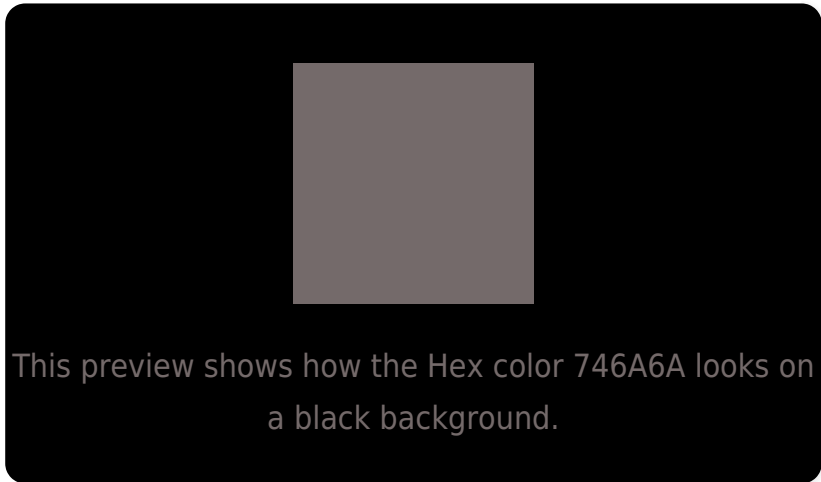
Large Text (above 18pt) WCAG AA ✓ Pass

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

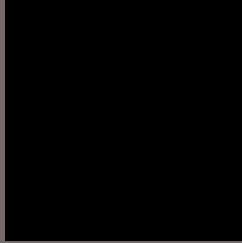
Any Text WCAG AA × Fail

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 746A6A Background



This preview shows how black text looks on a background with the Hex color 746A6A.



This preview shows how white text looks on a background with the Hex color 746A6A.

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


746A6A

Protanopia

6E6C6B

Deuteranopia

77696A



Tritanopia
756971

Trichromacy



Original Color

746A6A

Protanomaly

706B6B

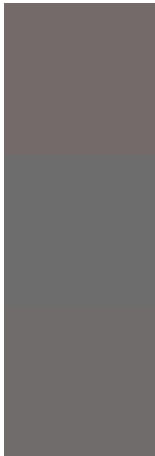
Deuteranomaly

76696A

Tritanomaly

75696E

Monochromacy



Original Color

746A6A

Achromatopsia

6D6D6D

Achromatomaly

706C6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 746A6A 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 #746A6A looks like.

```
.text, #text, p{  
    color:#746A6A  
}
```

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 #746A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #746A6A
}
```

Border

The CSS property to change the border of an element to Hex 746A6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

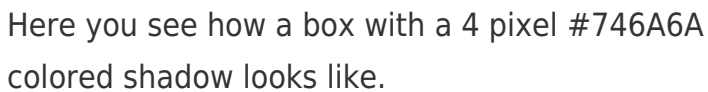
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#746A6A }
```

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

```
.border{ border-color:#746A6A }
```

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



Here you see how a box with a 4 pixel #746A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #746A6A; -webkit-box-shadow:4px 4px  
4px 4px #746A6A; box-shadow:4px 4px 4px  
4px #746A6A }
```

Background

The CSS property to change the background color of an element to Hex 746A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#746A6A }
```

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

```
.background{ background-color:#746A6A }
```

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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