

Converting Colors

Hex(746E71)

Have a look what the booklet for
Hex(746E71) contains.

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Color

Hex(746E71)

Conversions

Conversions Part 1

Format	Color
Hex	746E71
RGB	116, 110, 113
RGB Percent	45%, 43%, 44%
CMY	0.5451, 0.5686, 0.5569
CMYK	0.00, 0.05, 0.03, 0.55
HSL	330°, 3%, 44%
HSV	330°, 5%, 45%
XYZ	15.7590, 16.0571, 17.8915
YIQ	112.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

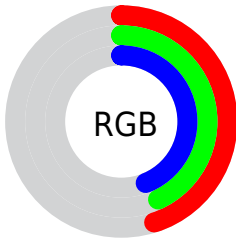
Format	Color
R_{YB}	116, 110, 113
Decimal	7630449
CIE Lab	47.05, 2.92, -0.84
CIE LCh	47, 3.038, 343.964
Yxy	16.0571, 0.3170, 0.3230
Android (android.graphics.Color)	4285820529 (0xFF746E71)
YUV	112.1360, 0.4260, 3.3887
Hunter-Lab	40.0713, 0.0746, 1.5774

Details

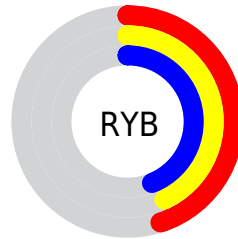
The Hex color **746E71** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E7471**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A8A2A5**, and **443F41** is the 20% darker color. If you saturate the color by 10%, you get **74626B**, and if you desaturate by 10%, it is **747A77**.

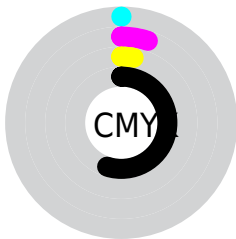
Distribution



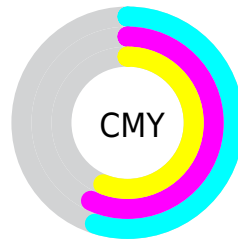
- Red (45%)
- Green (43%)
- Blue (44%)



- Red (45%)
- Yellow (43%)
- Blue (44%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (55%)



- Cyan (55%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 746E71 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 746E71 by changing the saturation by 10% instead.



746E71



746E71

FFFFFF



5B5659



A8A2A5



443F41



C3BDC0



2E292B



DFD8DC



191417



FCF5F8



000000



746E71



746E71



74626B



747A77



745765



74857D



744B60



749182

74405A

749C88

743454

74A88E

74284E

74B494

741D48

74BF9A

741143

74CB9F

74063D

74D6A5

Harmonies

Analogous

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



726F73



746E71



756E6E

Triad

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



746E71



70706B



6A7173

Complementary

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



746E71



6E7471

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.



6A7171



746E71



6D706C

Square

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



746E71



736F6B



6B716E



6C7074

Rectangle

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



746E71



756E6D



6B716E



6A7172

Sweetspot

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



746E71



969395



716E74



4D4B4C



CCCCCC



4D4D4D

Same Dimension

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



746E71



968D92



746E6E



3B3739



7A003D



FA007D

Inverse Universe

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



746E71



968D92



6E7474



3B3739



7A003D



FA007D

Previews

White Background



This preview shows how the Hex color 746E71 looks on a white background.

Color Contrast Check

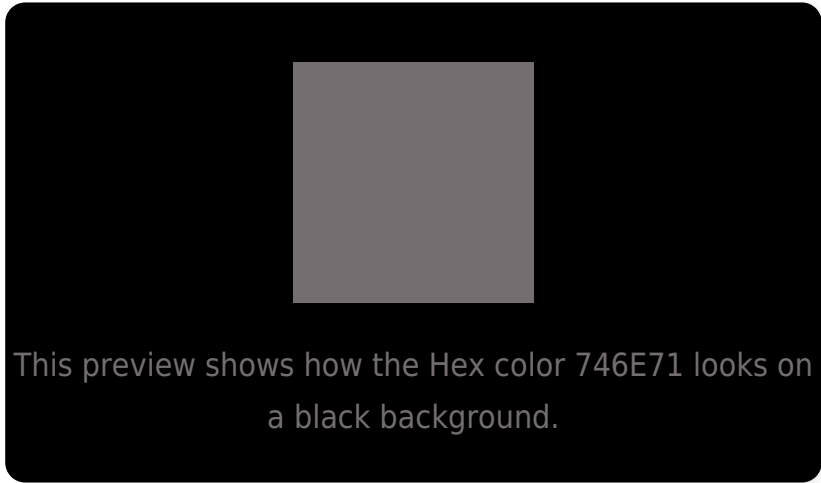
Large Text (above 18pt) WCAG AA ✓ Pass

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

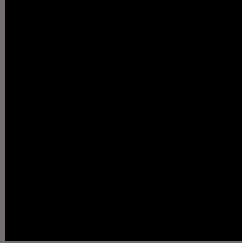
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

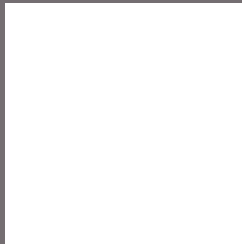
Any Text WCAG AAA × Fail

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

Hex 746E71 Background



This preview shows how black text looks on a background with the Hex color 746E71.



This preview shows how white text looks on a background with the Hex color 746E71.

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


746E71

Protanopia

716F72

Deuteranopia

796C71



Tritanopia
756D76

Trichromacy



Original Color

746E71

Protanomaly

726F72

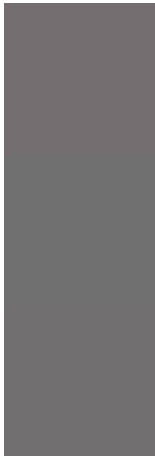
Deuteranomaly

776D71

Tritanomaly

756D74

Monochromacy



Original Color

746E71

Achromatopsia

707070

Achromatomaly

716F70

CSS Examples

Text

The CSS property to change the color of the text to Hex 746E71 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 #746E71 looks like.

```
.text, #text, p{  
    color:#746E71  
}
```

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 #746E71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #746E71
}
```

Border

The CSS property to change the border of an element to Hex 746E71 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
#746E71 }
```

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

```
.border{ border-color:#746E71 }
```

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

Here you see how a box with a 4 pixel #746E71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #746E71; -webkit-box-shadow:4px 4px  
4px 4px #746E71; box-shadow:4px 4px 4px  
4px #746E71 }
```

Background

The CSS property to change the background color of an element to Hex 746E71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#746E71 }
```

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

```
.background{ background-color:#746E71 }
```

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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