

# Converting Colors

Hex(726E74)

Have a look what the booklet for  
Hex(726E74) contains.

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# Color

Hex(726E74)

# Conversions

## Conversions Part 1

Format	Color
Hex	726E74
RGB	114, 110, 116
RGB Percent	45%, 43%, 45%
CMY	0.5529, 0.5686, 0.5451
CMYK	0.02, 0.05, 0.00, 0.55
HSL	280°, 3%, 44%
HSV	280°, 5%, 45%
XYZ	15.6677, 15.9902, 18.7836
YIQ	111.8800, 0.4580, 2.7140

# Conversions

## Conversions Part 2

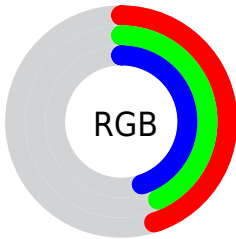
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 110, 116
Decimal	7499380
CIELab	46.96, 2.77, -2.78
CIELCh	47, 3.923, 314.842
Yxy	15.9902, 0.3106, 0.3170
Android (android.graphics.Color)	4285689460 (0xFF726E74)
YUV	111.8800, 2.0312, 1.8592
Hunter-Lab	39.9878, -0.0399, 0.1409

# Details

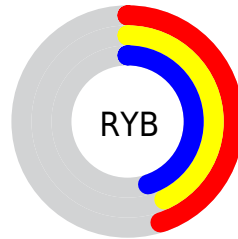
The Hex color **726E74** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **70746E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A6A2A8**, and **423F44** is the 20% darker color. If you saturate the color by 10%, you get **6E6274**, and if you desaturate by 10%, it is **767A74**.

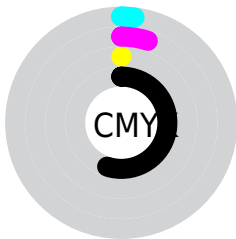
# Distribution



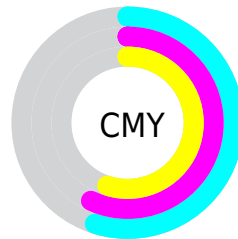
- Red (45%)
- Green (43%)
- Blue (45%)



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



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (55%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 726E74 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 726E74 by changing the saturation by 10% instead.





726E74



726E74

FFFFFF



5A565B



A6A2A8



423F44



C1BDC3



2C292E



DDD8DF



181419



F9F5FC



000000



726E74



726E74



6E6274



767A74



6A5774



7A8574



664B74



7E9174

■ 634074

■ 819C74

■ 5F3474

■ 85A874

■ 5B2874

■ 89B474

■ 571D74

■ 8DBF74

■ 531174

■ 91CB74

■ 4F0674

■ 95D674

# Harmonies

## Analogous

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



6E6F76



726E74



756D71

# Triad

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



726E74



746F69



687171

# Complementary

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



726E74



70746E

# 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.



69716D



726E74



707069

# Square

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



726E74



766E6B



6D716B



687174

# Rectangle

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



726E74



766D6F



6D716B



687170



# Sweetspot

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



726E74



959396



6E7074



4C4B4D



CCCCCC



4D4D4D



# Same Dimension

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



726E74



938D96



746E73



39373B



52007A



A700FA



# Inverse Universe

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



746E70



968D90



6E746F



3B3738



7A0029



FA0053



# Previews

## White Background



This preview shows how the Hex color 726E74 looks on a white background.

## Color Contrast Check

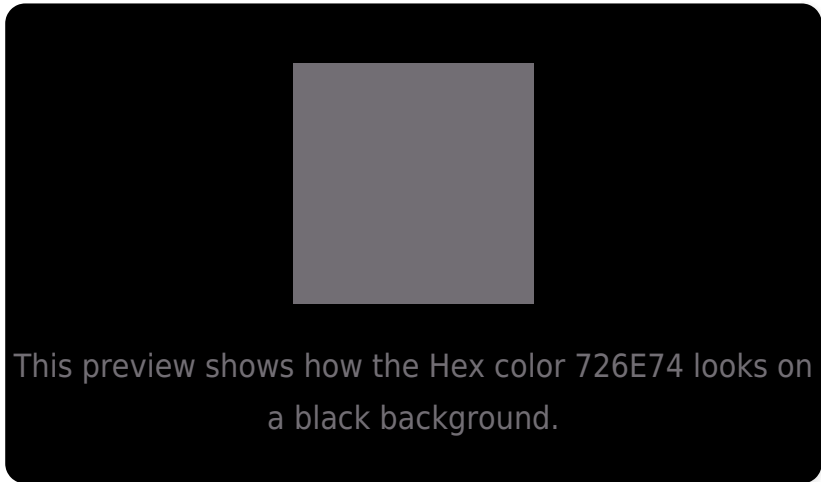
Large Text (above 18pt) WCAG AA ✓ Pass

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

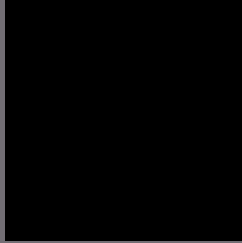
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

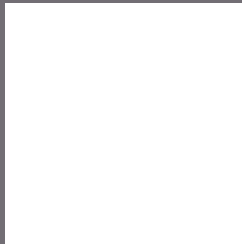
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 726E74 Background



This preview shows how black text looks on a background with the Hex color 726E74.



This preview shows how white text looks on a background with the Hex color 726E74.

# 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**

726E74

**Protanopia**

706F74

**Deuteranopia**

786C74



**Tritanopia**  
726E76

# Trichromacy



**Original Color**

726E74

**Protanomaly**

716F74

**Deuteranomaly**

766D74

**Tritanomaly**

726E75

# Monochromacy



**Original Color**

726E74

**Achromatopsia**

707070

**Achromatomaly**

716F71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 726E74 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 #726E74 looks like.

```
.text, #text, p{  
    color:#726E74  
}
```

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 #726E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #726E74  
}
```

## Border

The CSS property to change the border of an element to Hex 726E74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

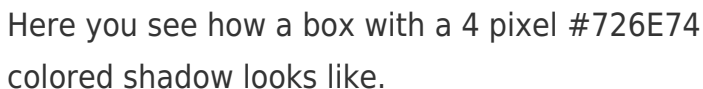
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#726E74 }
```

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

```
.border{ border-color:#726E74 }
```

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



Here you see how a box with a 4 pixel #726E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #726E74; -webkit-box-shadow:4px 4px  
4px 4px #726E74; box-shadow:4px 4px 4px  
4px #726E74 }
```

# Background

The CSS property to change the background color of an element to Hex 726E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#726E74 }
```

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

```
.background{ background-color:#726E74 }
```

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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