

# Converting Colors

Hex(726F6F)

Have a look what the booklet for  
Hex(726F6F) contains.

<b>Hex(726F6F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(726F6F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	726F6F
RGB	114, 111, 111
RGB Percent	45%, 44%, 44%
CMY	0.5529, 0.5647, 0.5647
CMYK	0.00, 0.03, 0.03, 0.55
HSL	0°, 1%, 44%
HSV	0°, 3%, 45%
XYZ	15.4931, 16.0940, 17.3288
YIQ	111.8970, 1.7880, 0.6360

# Conversions

## Conversions Part 2

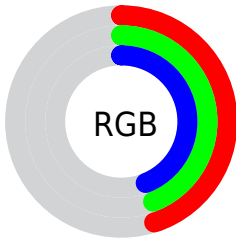
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 111, 111
Decimal	7499631
CIE <sub>Lab</sub>	47.10, 1.16, 0.40
CIE <sub>LCh</sub>	47, 1.227, 19.258
Yxy	16.0940, 0.3167, 0.3290
Android (android.graphics.Color)	4285689711 (0xFF726F6F)
YUV	111.8970, -0.4422, 1.8443
Hunter-Lab	40.1173, -1.2694, 2.4716

# Details

The Hex color **726F6F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F7272**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A6A3A3**, and **423F3F** is the 20% darker color. If you saturate the color by 10%, you get **726464**, and if you desaturate by 10%, it is **727A7A**.

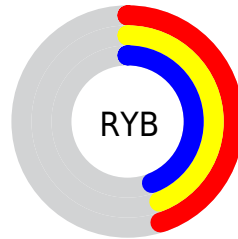
# Distribution



Red (45%)

Green (44%)

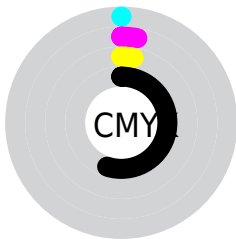
Blue (44%)



Red (45%)

Yellow (44%)

Blue (44%)

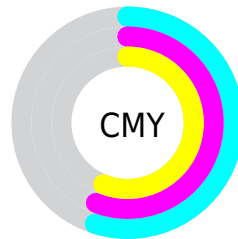


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (55%)



Cyan (55%)

Magenta (56%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 726F6F 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 726F6F by changing the saturation by 10% instead.





726F6F



726F6F

FFFFFF



5A5757



A6A3A3



423F3F



C1BEBE



2C2A2A



DDD9D9



181515



F9F6F6



000000



726F6F



726F6F



726464



727A7A



725858



728686



724D4D



729191

724141

729D9D

723636

72A8A8

722B2B

72B3B3

721F1F

72BFBF

721414

72CACA

720808

72D6D6

# Harmonies

## Analogous

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



726F70



726F6F



726F6E

# Triad

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



726F6F



6F706E



6E7072

# Complementary

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



726F6F



6F7272

# 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.



6D7071



726F6F



6E706F

# Square

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



726F6F



70706E



6D7070



6F7072

# Rectangle

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



726F6F



716F6E



6D7070



6E7072



# Sweetspot

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



726F6F



949292



726F72



4A4949



C9C9C9



4A4A4A



# Same Dimension

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



726F6F



948F8F



72716F



383636



780000



F70000



# Inverse Universe

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



6F7272



8F9494



6F7172



363838



007878



00F7F7



# Previews

## White Background



This preview shows how the Hex color 726F6F looks on a white background.

## Color Contrast Check

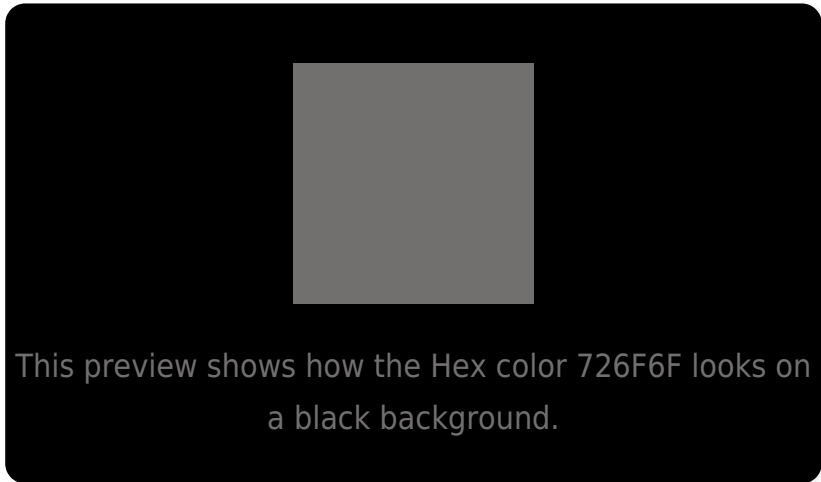
Large Text (above 18pt) WCAG AA ✓ Pass

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

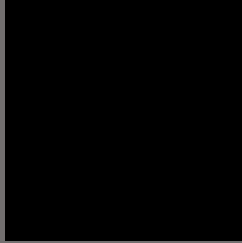
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

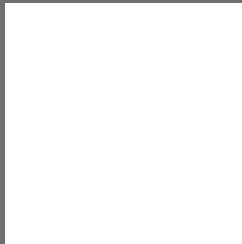
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 726F6F Background



This preview shows how black text looks on a background with the Hex color 726F6F.



This preview shows how white text looks on a background with the Hex color 726F6F.

# 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**  
726F6F

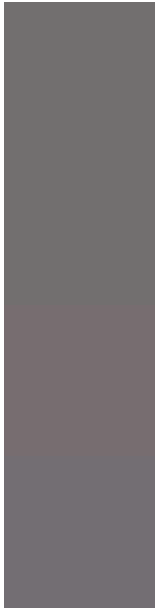
**Protanopia**  
726F6F

**Deuteranopia**  
7A6C70



**Tritanopia**  
736E76

# Trichromacy



**Original Color**

726F6F

**Protanomaly**

726F6F

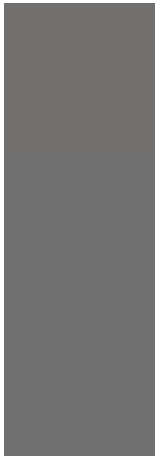
**Deuteranomaly**

776D70

**Tritanomaly**

736E73

# Monochromacy



**Original Color**

726F6F

**Achromatopsia**

707070

**Achromatomaly**

717070

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 726F6F 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 #726F6F looks like.

```
.text, #text, p{  
    color:#726F6F  
}
```

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 #726F6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #726F6F
}
```

## Border

The CSS property to change the border of an element to Hex 726F6F is called "border". The border property can be set on classes, ids or directly on the HTML element.

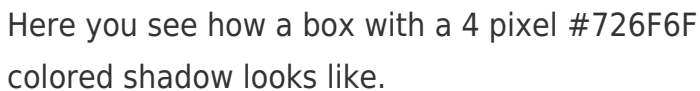
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#726F6F }
```

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

```
.border{ border-color:#726F6F }
```

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



Here you see how a box with a 4 pixel #726F6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #726F6F; -webkit-box-shadow:4px 4px  
4px 4px #726F6F; box-shadow:4px 4px 4px  
4px #726F6F }
```

# Background

The CSS property to change the background color of an element to Hex 726F6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#726F6F }
```

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

```
.background{ background-color:#726F6F }
```

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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