

# Converting Colors

Hex(76706F)

Have a look what the booklet for  
Hex(76706F) contains.

<b>Hex(76706F)</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(76706F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76706F
RGB	118, 112, 111
RGB Percent	46%, 44%, 44%
CMY	0.5373, 0.5608, 0.5647
CMYK	0.00, 0.05, 0.06, 0.54
HSL	9°, 3%, 45%
HSV	9°, 6%, 46%
XYZ	16.1346, 16.5876, 17.3903
YIQ	113.6800, 3.8970, 0.9610

# Conversions

## Conversions Part 2

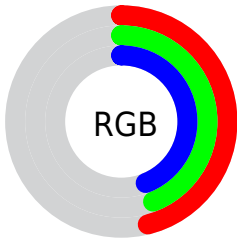
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 112, 111
Decimal	7762031
CIE <sub>Lab</sub>	47.74, 2.12, 1.38
CIE <sub>LCh</sub>	48, 2.532, 32.961
Yxy	16.5876, 0.3220, 0.3310
Android (android.graphics.Color)	4285952111 (0xFF76706F)
YUV	113.6800, -1.3212, 3.7886
Hunter-Lab	40.7279, -0.5597, 3.1935

# Details

The Hex color **76706F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F7576**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **AAA4A3**, and **46403F** is the 20% darker color. If you saturate the color by 10%, you get **766663**, and if you desaturate by 10%, it is **767A7B**.

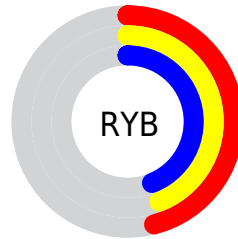
# Distribution



Red (46%)

Green (44%)

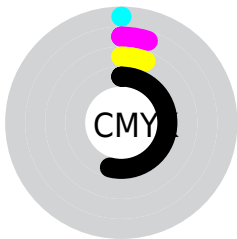
Blue (44%)



Red (46%)

Yellow (44%)

Blue (44%)

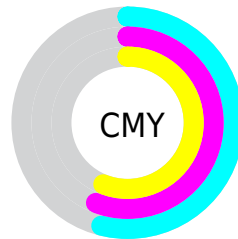


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (54%)



Cyan (54%)

Magenta (56%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76706F 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 76706F by changing the saturation by 10% instead.



■ 76706F

■ 76706F

FFFFFF

■ 5D5857

■ AAA4A3

■ 46403F

■ C5BFBE

■ 2F2A2A

■ E1DBD9

■ 1B1615

■ FEF7F6

■ 000000

■ 76706F

■ 76706F

■ 766663

■ 767A7B


■ 765C57

■ 768487

■ 76524C

■ 768E92

 764840

 76989E

 763D34

 76A3AA

 763328

 76ADB6

 76291C

 76B7C2

 761F11

 76C1CD

 761505

 76CBD9

# Harmonies

## Analogous

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



767071



76706F



75706E

# Triad

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



76706F



6E726F



6F7175

# Complementary

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



76706F



6F7576

# 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.



6D7275



76706F



6D7371

# Square

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



76706F



70726E



6C7273



727175

# Rectangle

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



76706F



74716D



6C7273



6F7275



# Sweetspot

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



76706F



999696



766F75



4D4B4B



CCCCCC



4D4D4D



# Same Dimension

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



76706F



99908E



76736F



3B3736



7A1100



FA2400



# Inverse Universe

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



6F7576



8E9799



6F7276



363A3B



00697A



00D6FA



# Previews

## White Background



This preview shows how the Hex color 76706F looks on a white background.

## Color Contrast Check

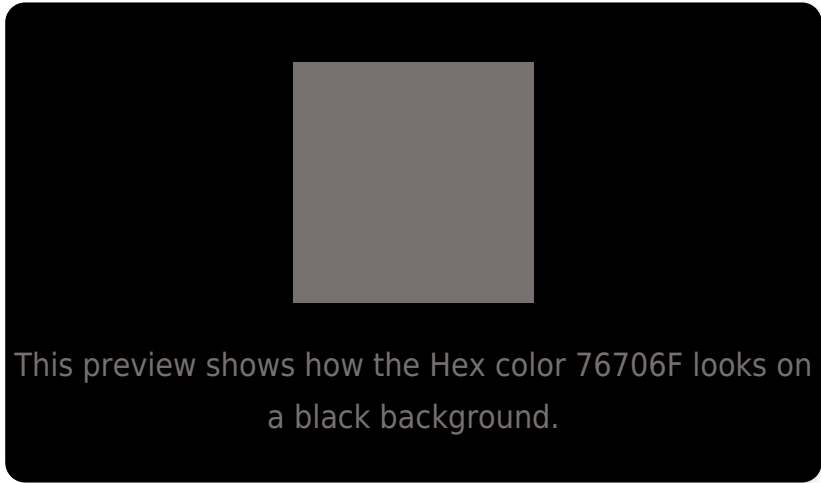
Large Text (above 18pt) WCAG AA ✓ Pass

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

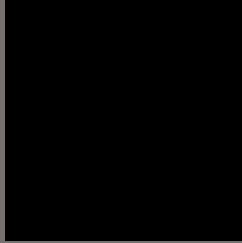
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

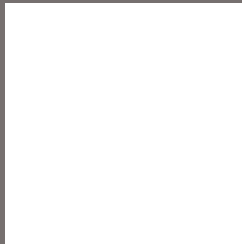
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76706F Background



This preview shows how black text looks on a background with the Hex color 76706F.



This preview shows how white text looks on a background with the Hex color 76706F.

# 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**

76706F

**Protanopia**

74716F

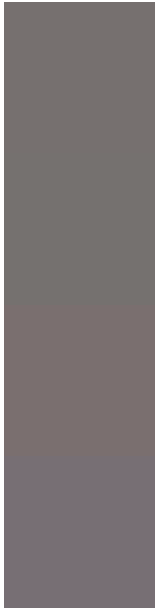
**Deuteranopia**

7D6E6F



**Tritanopia**  
776F77

# Trichromacy



**Original Color**

76706F

**Protanomaly**

75716F

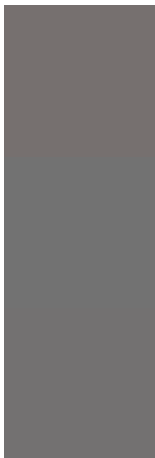
**Deuteranomaly**

7A6F6F

**Tritanomaly**

776F74

# Monochromacy



**Original Color**

76706F

**Achromatopsia**

727272

**Achromatomaly**

737171

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76706F 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 #76706F looks like.

```
.text, #text, p{  
    color:#76706F  
}
```

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 #76706F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76706F
}
```

## Border

The CSS property to change the border of an element to Hex 76706F 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
#76706F }
```

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

```
.border{ border-color:#76706F }
```

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

Here you see how a box with a 4 pixel #76706F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76706F; -webkit-box-shadow:4px 4px  
4px 4px #76706F; box-shadow:4px 4px 4px  
4px #76706F }
```

# Background

The CSS property to change the background color of an element to Hex 76706F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76706F }
```

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

```
.background{ background-color:#76706F }
```

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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