

# Converting Colors

Hex(746D6A)

Have a look what the booklet for  
Hex(746D6A) contains.

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# Color

**Hex(746D6A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	746D6A
RGB	116, 109, 106
RGB Percent	45%, 43%, 42%
CMY	0.5451, 0.5725, 0.5843
CMYK	0.00, 0.06, 0.09, 0.55
HSL	18°, 5%, 44%
HSV	18°, 9%, 45%
XYZ	15.2726, 15.6909, 15.8594
YIQ	110.7510, 5.1350, 0.5510

# Conversions

## Conversions Part 2

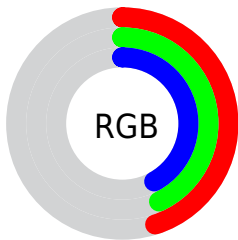
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 110, 106
Decimal	7630186
CIE Lab	46.57, 2.15, 2.64
CIE LCh	47, 3.405, 50.925
Yxy	15.6909, 0.3262, 0.3351
Android (android.graphics.Color)	4285820266 (0xFF746D6A)
YUV	110.7510, -2.3422, 4.6034
Hunter-Lab	39.6117, -0.4984, 3.9903

# Details

The Hex color **746D6A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A7174**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A8A09D**, and **443E3B** is the 20% darker color. If you saturate the color by 10%, you get **74655E**, and if you desaturate by 10%, it is **747576**.

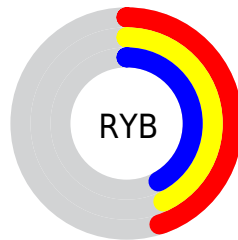
# Distribution



Red (45%)

Green (43%)

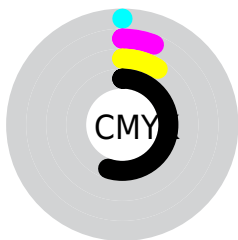
Blue (42%)



Red (45%)

Yellow (43%)

Blue (42%)

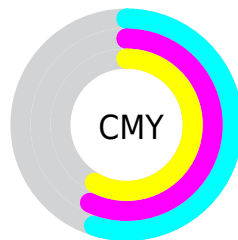


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (55%)



Cyan (55%)

Magenta (57%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 746D6A 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 746D6A by changing the saturation by 10% instead.





746D6A



746D6A

FFFFFF



5B5552



A8A09D



443E3B



C3BBB8



2E2825



DFD7D4



191310



FCF4F0



000000



746D6A



746D6A



74655E



747576



745D53



747D81



745547



74858D

 744D3C

 748D98

 744430

 7496A4

 743C24

 749EB0

 743419

 74A6BB

 742C0D

 74AEC7

 742402

 74B6D2

# Harmonies

## Analogous

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



756D6C



746D6A



726E69

# Triad

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



746D6A



69706D



6E6E74

# Complementary

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



746D6A



6A7174

# 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.



6B6F74



746D6A



687070

# Square

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



746D6A



6B706B



687073



716D72

# Rectangle

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



746D6A



706E69



687073



6D6E74



# Sweetspot

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



746D6A



969392



746A71



4D4A49



CCCCCC



4D4D4D



# Same Dimension

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



746D6A



968C87



74726A



3B3735



7A2500



FA4B00



# Inverse Universe

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



6A7174



879296



6A6C74



35393B



00567A



00AFFA



# Previews

## White Background



This preview shows how the Hex color 746D6A looks on a white background.

## Color Contrast Check

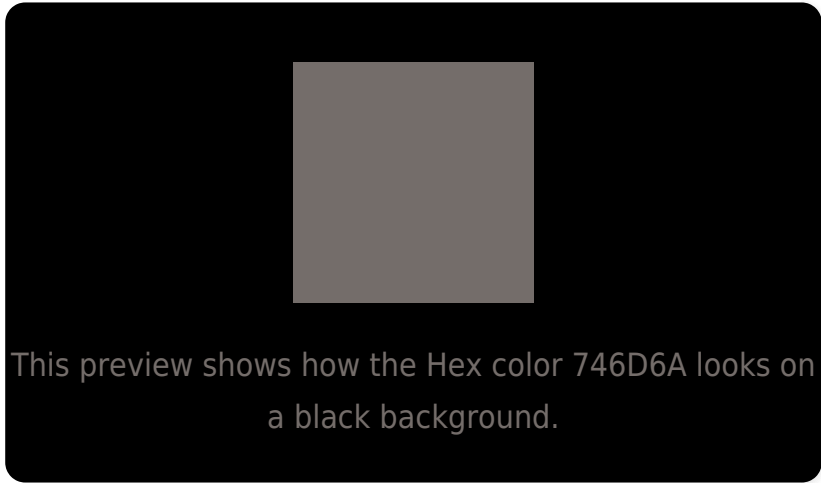
Large Text (above 18pt) WCAG AA ✓ Pass

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

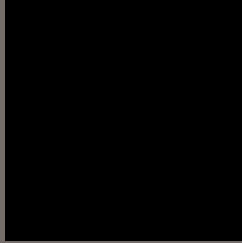
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 746D6A Background



This preview shows how black text looks on a background with the Hex color 746D6A.



This preview shows how white text looks on a background with the Hex color 746D6A.

# 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**

746D6A

**Protanopia**

716E6A

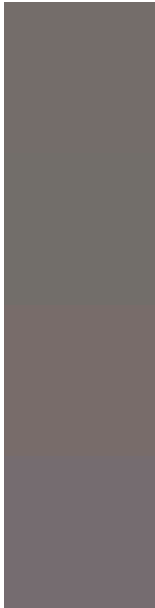
**Deuteranopia**

7A6B6A



**Tritanopia**  
756B74

# Trichromacy



**Original Color**

746D6A

**Protanomaly**

726E6A

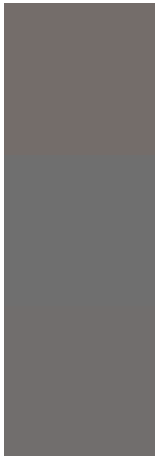
**Deuteranomaly**

786C6A

**Tritanomaly**

756C70

# Monochromacy



**Original Color**

746D6A

**Achromatopsia**

6F6F6F

**Achromatomaly**

716E6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 746D6A 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 #746D6A looks like.

```
.text, #text, p{  
    color:#746D6A  
}
```

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 #746D6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #746D6A
}
```

## Border

The CSS property to change the border of an element to Hex 746D6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

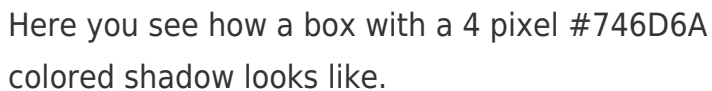
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#746D6A }
```

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

```
.border{ border-color:#746D6A }
```

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



Here you see how a box with a 4 pixel #746D6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #746D6A; -webkit-box-shadow:4px 4px  
4px 4px #746D6A; box-shadow:4px 4px 4px  
4px #746D6A }
```

# Background

The CSS property to change the background color of an element to Hex 746D6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#746D6A }
```

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

```
.background{ background-color:#746D6A }
```

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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