

# Converting Colors

Hex(70746D)

Have a look what the booklet for  
Hex(70746D) contains.

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# Color

**Hex(70746D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70746D
RGB	112, 116, 109
RGB Percent	44%, 45%, 43%
CMY	0.5608, 0.5451, 0.5725
CMYK	0.03, 0.00, 0.06, 0.55
HSL	94°, 3%, 44%
HSV	94°, 6%, 45%
XYZ	15.6878, 17.0397, 16.9301
YIQ	114.0060, -0.1370, -3.0250

# Conversions

## Conversions Part 2

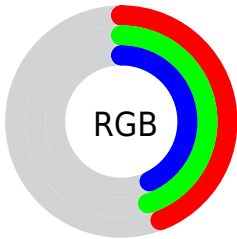
Format	Color
<a href="#">RYB</a>	<a href="#">109, 116, 113</a>
Decimal	<a href="#">7369837</a>
CIELab	<a href="#">48.31, -2.93, 3.33</a>
CIElCh	<a href="#">48, 4.436, 131.306</a>
Yxy	<a href="#">17.0397, 0.3159, 0.3431</a>
Android (android.graphics.Color)	<a href="#">4285559917 (0xFF70746D)</a>
YUV	<a href="#">114.0060, -2.4680, -1.7593</a>
Hunter-Lab	<a href="#">41.2791, -4.4009, 4.5783</a>

# Details

The Hex color **70746D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **716D74**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A4A8A0**, and **40443E** is the 20% darker color. If you saturate the color by 10%, you get **697461**, and if you desaturate by 10%, it is **777479**.

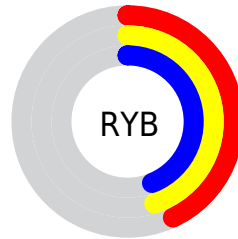
# Distribution



Red (44%)

Green (45%)

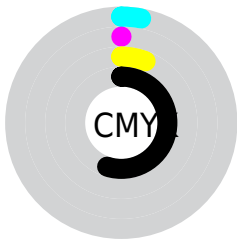
Blue (43%)



Red (43%)

Yellow (45%)

Blue (44%)

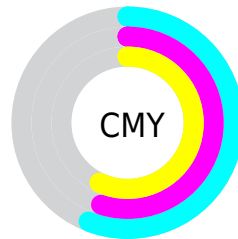


Cyan (3%)

Magenta (0%)

Yellow (6%)

Black (55%)



Cyan (56%)

Magenta (55%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70746D 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 70746D by changing the saturation by 10% instead.



■ 70746D

■ 70746D

FFFFFF

■ 585B55

■ A4A8A0

■ 40443E

■ BFC3BB

■ 2A2E28

■ DBDFD7

■ 161913

■ F7FCF4

■ 000000

■ 70746D

■ 70746D

■ 697461

■ 777479

■ 637456

■ 7D7484

■ 5C744A

■ 847490

■ 55743F

■ 8B749B

■ 4F7433

■ 9174A7

■ 487427

■ 9874B3

■ 42741C

■ 9E74BE

■ 3B7410

■ A574CA

■ 347405

■ AC74D5

# Harmonies

## Analogous

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



74736B



70746D



6C7570

# Triad

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



70746D



6D747A



7B7071

# Complementary

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



70746D



716D74

# 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.



797075



70746D



71737A

# Square

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



70746D



6A7577



757178



7B716E

# Rectangle

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



70746D



6A7573



757178



7A7073



# Sweetspot

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



70746D



959693



74716D



4C4D4B



CCCCCC



4D4D4D



# Same Dimension

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



70746D



90968C



6D746D



383B36



347A00



6BFA00



# Inverse Universe

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



716D74



928C96



746D74



39363B



46007A



8F00FA



# Previews

## White Background



This preview shows how the Hex color 70746D looks on a white background.

## Color Contrast Check

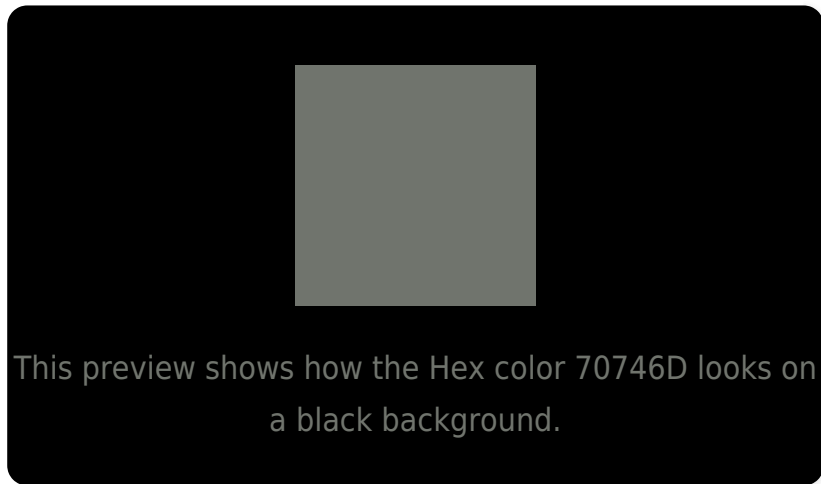
Large Text (above 18pt) WCAG AA ✓ Pass

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

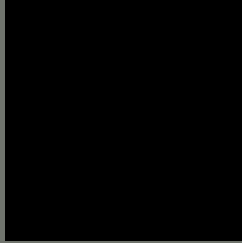
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

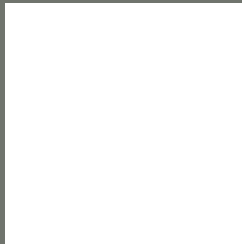
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 70746D Background



This preview shows how black text looks on a background with the Hex color 70746D.

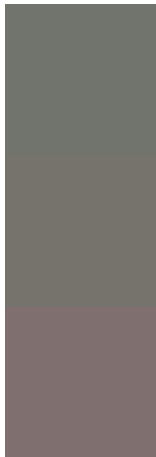


This preview shows how white text looks on a background with the Hex color 70746D.

# 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**  
70746D

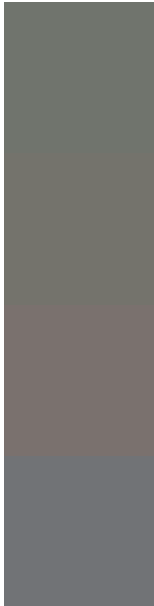
**Protanopia**  
76726C

**Deuteranopia**  
7F6F6E



**Tritanopia**  
72727B

# Trichromacy



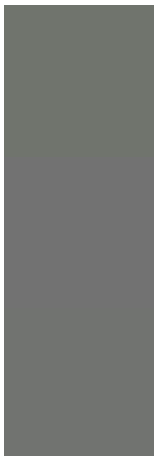
**Original Color**  
70746D

**Protanomaly**  
74736C

**Deuteranomaly**  
7A716E

**Tritanomaly**  
717376

# Monochromacy



**Original Color**  
70746D

**Achromatopsia**  
727272

**Achromatomaly**  
717370

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70746D 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 #70746D looks like.

```
.text, #text, p{  
    color:#70746D  
}
```

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 #70746D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70746D
}
```

## Border

The CSS property to change the border of an element to Hex 70746D 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
#70746D }
```

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

```
.border{ border-color:#70746D }
```

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

Here you see how a box with a 4 pixel #70746D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70746D; -webkit-box-shadow:4px 4px  
4px 4px #70746D; box-shadow:4px 4px 4px  
4px #70746D }
```

# Background

The CSS property to change the background color of an element to Hex 70746D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70746D }
```

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

```
.background{ background-color:#70746D }
```

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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