

# Converting Colors

Hex(71706D)

Have a look what the booklet for  
Hex(71706D) contains.

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# Color

**Hex(71706D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	71706D
RGB	113, 112, 109
RGB Percent	44%, 44%, 43%
CMY	0.5569, 0.5608, 0.5725
CMYK	0.00, 0.01, 0.04, 0.56
HSL	45°, 2%, 44%
HSV	45°, 4%, 44%
XYZ	15.3645, 16.2032, 16.7857
YIQ	111.9570, 1.5590, -0.7210

# Conversions

## Conversions Part 2

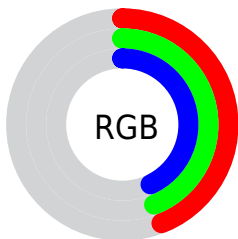
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 113, 109
Decimal	7434349
CIELab	47.24, -0.21, 1.79
CIElCh	47, 1.807, 96.773
Yxy	16.2032, 0.3178, 0.3351
Android (android.graphics.Color)	4285624429 (0xFF71706D)
YUV	111.9570, -1.4578, 0.9147
Hunter-Lab	40.2532, -2.3100, 3.4531

# Details

The Hex color **71706D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6D6E71**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A5A4A0**, and **41403E** is the 20% darker color. If you saturate the color by 10%, you get **716D62**, and if you desaturate by 10%, it is **717378**.

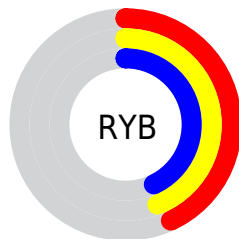
# Distribution



Red (44%)

Green (44%)

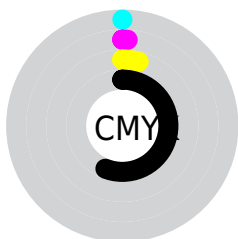
Blue (43%)



Red (43%)

Yellow (44%)

Blue (43%)

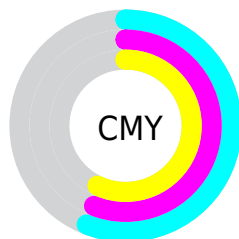


Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71706D 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 71706D by changing the saturation by 10% instead.



■ 71706D

■ 71706D

FFFFFF

■ 595855

■ A5A4A0

■ 41403E

■ C0BFBB

■ 2B2A28

■ DCDBD7

■ 171613

■ F8F7F4

■ 000000

■ 71706D

■ 71706D

■ 716D62

■ 717378

■ 716A56

■ 717684

■ 71684B

■ 71788F

716540

717B9A

716234

717EA5

715F29

7181B1

715C1E

7184BC

715913

7187C7

715707

7189D3

# Harmonies

## Analogous

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



73706D



71706D



6F706E

# Triad

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



71706D



6D7172



726F71

# Complementary

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



71706D



6D6E71

# 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.



717072



71706D



6D7073

# Square

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



71706D



6D7170



6F7073



736F70

# Rectangle

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



71706D



6E716E



6F7073



726F72



# Sweetspot

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



71706D



949492



716D6E



4A4A49



C9C9C9



4A4A4A



# Same Dimension

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



71706D



94928E



70716D



383735



785A00



F7BA00



# Inverse Universe

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



6D6E71



8E8F94



6E6D71



353638



001E78



003EF7



# Previews

## White Background



This preview shows how the Hex color 71706D looks on a white background.

## Color Contrast Check

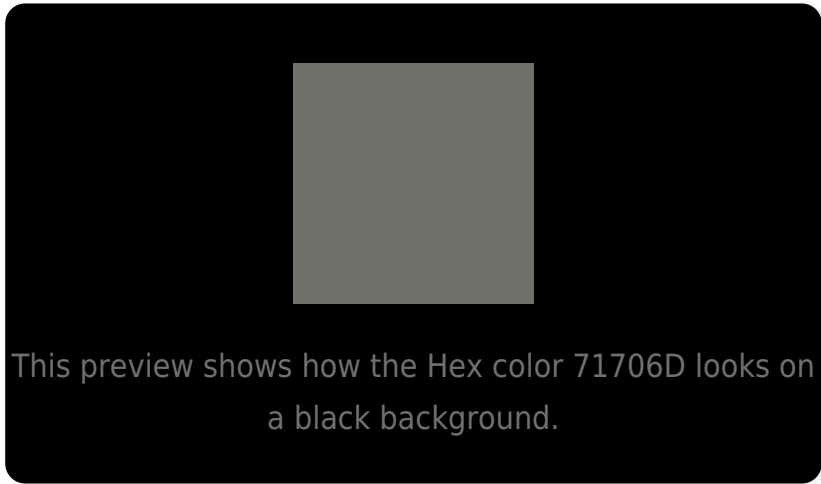
Large Text (above 18pt) WCAG AA ✓ Pass

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

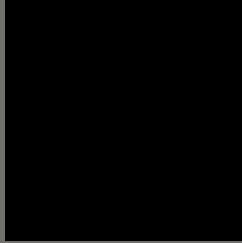
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

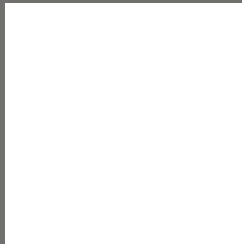
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71706D Background



This preview shows how black text looks on a background with the Hex color 71706D.



This preview shows how white text looks on a background with the Hex color 71706D.

# 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**  
71706D

**Protanopia**  
736F6D

**Deuteranopia**  
7C6C6E



**Tritanopia**  
736E77

# Trichromacy



**Original Color**  
71706D

**Protanomaly**  
726F6D

**Deuteranomaly**  
786D6E

**Tritanomaly**  
726F73

# Monochromacy



**Original Color**  
71706D

**Achromatopsia**  
707070

**Achromatomaly**  
70706F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71706D 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 #71706D looks like.

```
.text, #text, p{  
    color:#71706D  
}
```

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 #71706D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71706D
}
```

## Border

The CSS property to change the border of an element to Hex 71706D 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
#71706D }
```

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

```
.border{ border-color:#71706D }
```

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

Here you see how a box with a 4 pixel #71706D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71706D; -webkit-box-shadow:4px 4px  
4px 4px #71706D; box-shadow:4px 4px 4px  
4px #71706D }
```

# Background

The CSS property to change the background color of an element to Hex 71706D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71706D }
```

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

```
.background{ background-color:#71706D }
```

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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