

# Converting Colors

Hex(706C61)

Have a look what the booklet for  
Hex(706C61) contains.

<b>Hex(706C61)</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(706C61)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	706C61
RGB	112, 108, 97
RGB Percent	44%, 42%, 38%
CMY	0.5608, 0.5765, 0.6196
CMYK	0.00, 0.04, 0.13, 0.56
HSL	44°, 7%, 41%
HSV	44°, 13%, 44%
XYZ	14.2023, 15.0329, 13.4624
YIQ	107.9420, 5.9150, -2.5730

# Conversions

## Conversions Part 2

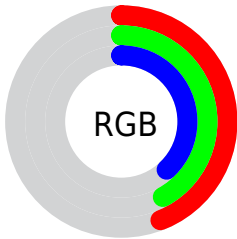
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 112, 97
Decimal	7367777
CIE Lab	45.68, -0.53, 6.71
CIE LCh	46, 6.729, 94.558
Yxy	15.0329, 0.3326, 0.3521
Android (android.graphics.Color)	4285557857 (0xFF706C61)
YUV	107.9420, -5.3944, 3.5589
Hunter-Lab	38.7723, -2.4669, 6.5542

# Details

The Hex color **706C61** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **616570**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A49F94**, and **403D33** is the 20% darker color. If you saturate the color by 10%, you get **706956**, and if you desaturate by 10%, it is **706F6C**.

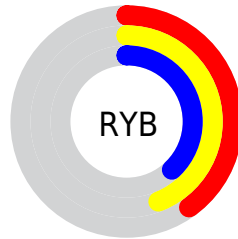
# Distribution



Red (44%)

Green (42%)

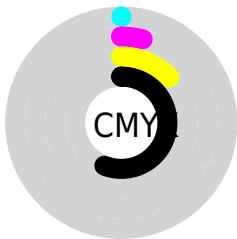
Blue (38%)



Red (40%)

Yellow (44%)

Blue (38%)

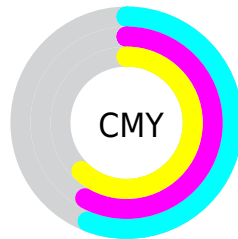


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (56%)



Cyan (56%)

Magenta (58%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 706C61 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 706C61 by changing the saturation by 10% instead.





706C61



706C61

FFFFFF



585449



A49F94



403D33



BFBAAE



2A271E



DBD6CA



161204



F7F2E6



000000



706C61



706C61



706956



706F6C



70664B



707277



70633F



707583

706034

70788E

705D29

707B99

705A1E

707EA4

705713

7081AF

705407

7084BB

705200

7087C6

# Harmonies

## Analogous

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



756A62



706C61



6A6E63

# Triad

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



706C61



5E6F72



746971

# Complementary

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



706C61



616570

# 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.



6E6A75



706C61



616E76

# Square

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



706C61



5F706D



676C77



78686B

# Rectangle

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



706C61



656F65



676C77



736973



# Sweetspot

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



706C61



91908C



706165



4A4946



C9C9C9



4A4A4A



# Same Dimension

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



706C61



918B7A



6D7061



383732



785800



F7B500



# Inverse Universe

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



616570



7A8091



656170



323438



002078



0042F7



# Previews

## White Background



This preview shows how the Hex color 706C61 looks on a white background.

## Color Contrast Check

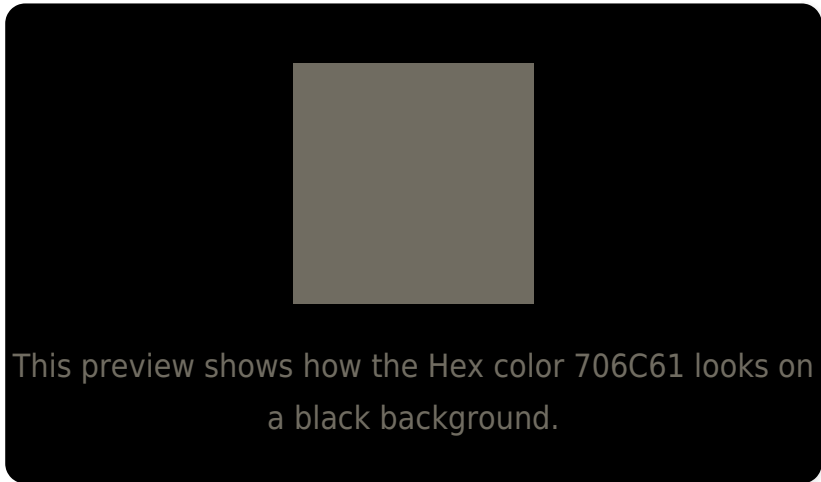
Large Text (above 18pt) WCAG AA ✓ Pass

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

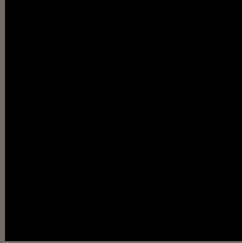
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

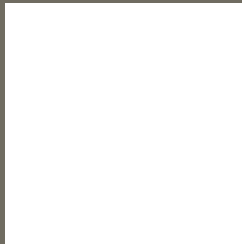
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 706C61 Background



This preview shows how black text looks on a background with the Hex color 706C61.



This preview shows how white text looks on a background with the Hex color 706C61.

# 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**  
706C61

**Protanopia**  
716C61

**Deuteranopia**  
7A6862



**Tritanopia**  
726A72

# Trichromacy



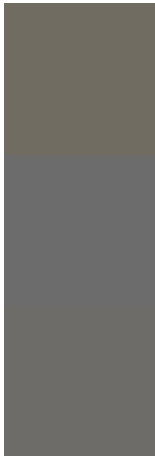
**Original Color**  
706C61

**Protanomaly**  
716C61

**Deuteranomaly**  
766962

**Tritanomaly**  
716B6C

# Monochromacy



**Original Color**  
706C61

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
6D6C68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 706C61 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 #706C61 looks like.

```
.text, #text, p{  
    color:#706C61  
}
```

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 #706C61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706C61
}
```

## Border

The CSS property to change the border of an element to Hex 706C61 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
#706C61 }
```

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

```
.border{ border-color:#706C61 }
```

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

Here you see how a box with a 4 pixel #706C61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706C61; -webkit-box-shadow:4px 4px  
4px 4px #706C61; box-shadow:4px 4px 4px  
4px #706C61 }
```

# Background

The CSS property to change the background color of an element to Hex 706C61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706C61 }
```

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

```
.background{ background-color:#706C61 }
```

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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