

# Converting Colors

Hex(706C65)

Have a look what the booklet for  
Hex(706C65) contains.

<b>Hex(706C65)</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(706C65)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	706C65
RGB	112, 108, 101
RGB Percent	44%, 42%, 40%
CMY	0.5608, 0.5765, 0.6039
CMYK	0.00, 0.04, 0.10, 0.56
HSL	38°, 5%, 42%
HSV	38°, 10%, 44%
XYZ	14.3936, 15.1095, 14.4697
YIQ	108.3980, 4.6310, -1.3290

# Conversions

## Conversions Part 2

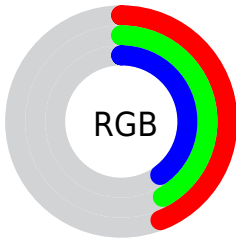
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 112, 101
Decimal	7367781
CIE Lab	45.78, 0.20, 4.46
CIE LCh	46, 4.466, 87.421
Yxy	15.1095, 0.3273, 0.3436
Android (android.graphics.Color)	4285557861 (0xFF706C65)
YUV	108.3980, -3.6472, 3.1590
Hunter-Lab	38.8709, -1.9267, 5.1389

# Details

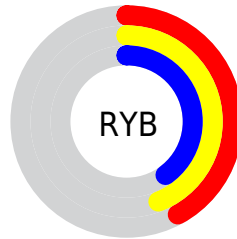
The Hex color **706C65** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **656970**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A49F98**, and **403D36** is the 20% darker color. If you saturate the color by 10%, you get **70685A**, and if you desaturate by 10%, it is **707070**.

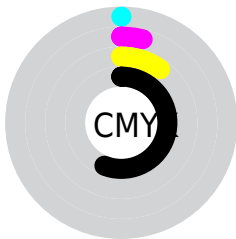
# Distribution



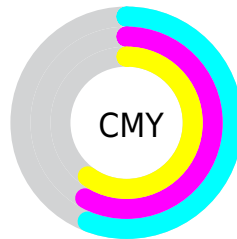
- Red (44%)
- Green (42%)
- Blue (40%)



- Red (42%)
- Yellow (44%)
- Blue (40%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (56%)



- Cyan (56%)
- Magenta (58%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 706C65 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 706C65 by changing the saturation by 10% instead.



 706C65

 706C65

FFFFFF

 58544D


 A49F98

 403D36

 BFBAB3

 2A2721

 DBD6CE

 16120A

 F7F2EA

 000000

 706C65

 706C65

 70685A

 707070

 70644F

 70747B

 706043

 707887

■ 705C38

■ 707C92

■ 70582D

■ 70809D

■ 705422

■ 7084A8

■ 704F17

■ 7089B3

■ 704B0B

■ 708DBF

■ 704700

■ 7091CA

# Harmonies

## Analogous

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



736B66



706C65



6C6D66

# Triad

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



706C65



636F70



716B70

# Complementary

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



706C65



656970

# 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.



6D6C73



706C65



656E73

# Square

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



706C65



646F6C



686D74



746A6D

# Rectangle

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



706C65



696E67



686D74



706B71



# Sweetspot

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



706C65



91908D



706569



4A4947



C9C9C9



4A4A4A



# Same Dimension

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



706C65



918B80



6F7065



383632



784C00



F79D00



# Inverse Universe

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



656970



808691



666570



323538



002C78



005AF7



# Previews

## White Background



This preview shows how the Hex color 706C65 looks on a white background.

## Color Contrast Check

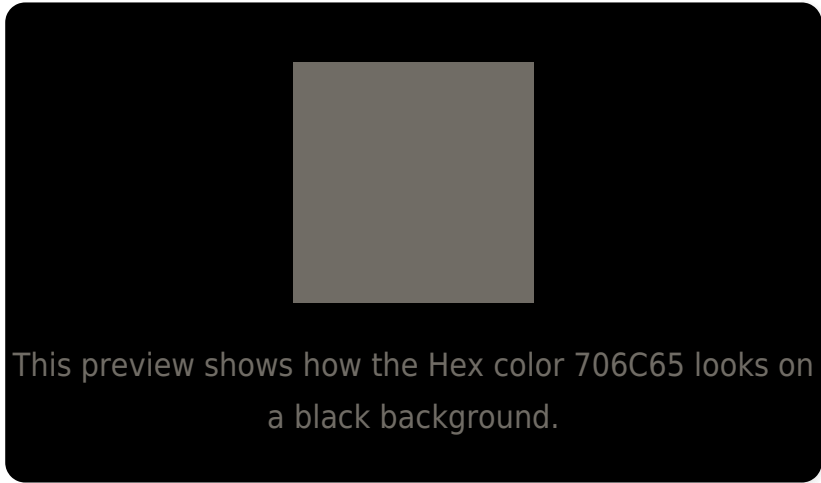
Large Text (above 18pt) WCAG AA ✓ Pass

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

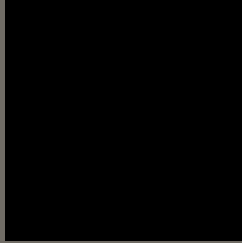
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 706C65 Background



This preview shows how black text looks on a background with the Hex color 706C65.

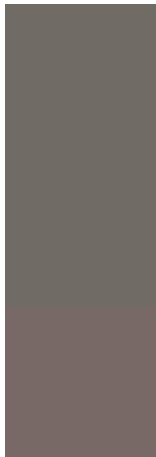


This preview shows how white text looks on a background with the Hex color 706C65.

# 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**  
706C65

**Protanopia**  
706C65

**Deuteranopia**  
796966



**Tritanopia**  
726A72

# Trichromacy



**Original Color**

706C65

**Protanomaly**

706C65

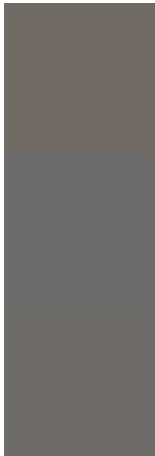
**Deuteranomaly**

766A66

**Tritanomaly**

716B6D

# Monochromacy



**Original Color**

706C65

**Achromatopsia**

6C6C6C

**Achromatomaly**

6D6C69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 706C65 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 #706C65 looks like.

```
.text, #text, p{  
    color:#706C65  
}
```

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 #706C65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706C65
}
```

## Border

The CSS property to change the border of an element to Hex 706C65 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
#706C65 }
```

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

```
.border{ border-color:#706C65 }
```

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

Here you see how a box with a 4 pixel #706C65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706C65; -webkit-box-shadow:4px 4px  
4px 4px #706C65; box-shadow:4px 4px 4px  
4px #706C65 }
```

# Background

The CSS property to change the background color of an element to Hex 706C65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706C65 }
```

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

```
.background{ background-color:#706C65 }
```

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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