

# Converting Colors

Hex(706D56)

Have a look what the booklet for  
Hex(706D56) contains.

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# Color

**Hex(706D56)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 706D56                    |
| RGB           | 112, 109, 86              |
| RGB Percent   | 44%, 43%, 34%             |
| CMY           | 0.5608, 0.5725, 0.6627    |
| CMYK          | 0.00, 0.03, 0.23, 0.56    |
| HSL           | 53°, 13%, 39%             |
| HSV           | 53°, 23%, 44%             |
| XYZ           | 13.8304, 15.0539, 10.9809 |
| YIQ           | 107.2750, 9.1710, -6.5170 |

# Conversions

## Conversions Part 2

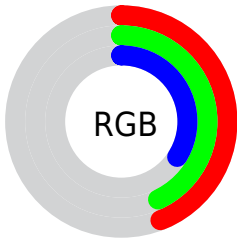
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 89, 112, 86                   |
| Decimal                             | 7368022                       |
| CIE Lab                             | 45.71, -2.99, 13.30           |
| CIE LCh                             | 46, 13.632, 102.690           |
| Yxy                                 | 15.0539, 0.3469,<br>0.3776    |
| Android<br>(android.graphics.Color) | 4285558102<br>(0xFF706D56)    |
| YUV                                 | 107.2750, -10.4886,<br>4.1438 |
| Hunter-Lab                          | 38.7994, -4.2707,<br>10.3795  |

# Details

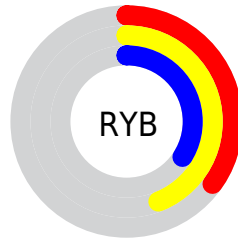
The Hex color **706D56** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **565970**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A4A088**, and **403E29** is the 20% darker color. If you saturate the color by 10%, you get **706C4B**, and if you desaturate by 10%, it is **706E61**.

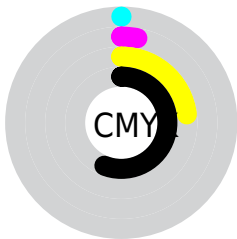
# Distribution



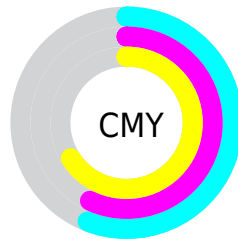
- Red (44%)
- Green (43%)
- Blue (34%)



- Red (35%)
- Yellow (44%)
- Blue (34%)



- Cyan (0%)
- Magenta (3%)
- Yellow (23%)
- Black (56%)



- Cyan (56%)
- Magenta (57%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 706D56 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 706D56 by changing the saturation by 10% instead.





706D56



706D56

FFFFFF



57553F



A4A088



403E29



BFBBA2



2A2814



DBD7BD



151300



F8F4D9



000000



FFFFFF5



706D56



706D56



706C4B



706E61



706A40



70706C

■ 706934

■ 707178

■ 706829

■ 707283

■ 70671E

■ 70738E

■ 706513

■ 707599

■ 706408

■ 7076A4

■ 706300

■ 7077B0

■ 7079BB

# Harmonies

## Analogous

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



7B6957



706D56



63705B

# Triad

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



706D56



4E727B



7F6573

# Complementary

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



706D56



565970

# 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.



74687D



706D56



576F82

# Square

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



706D56



4F7371



666C82



846468

# Rectangle

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



706D56



5B7261



666C82



7C6677



# Sweetspot

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



706D56



919087



705659



4A4944



C9C9C9



4A4A4A



# Same Dimension

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



706D56



918D69



667056



383732



786A00



F7DB00



# Inverse Universe

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



565970



696D91



605670



323338



000E78



001DF7



# Previews

## White Background



This preview shows how the Hex color 706D56 looks on a white background.

## Color Contrast Check

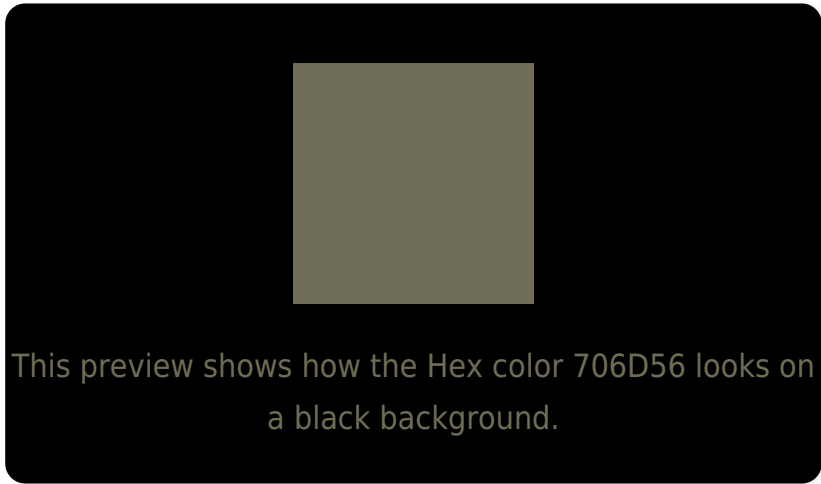
Large Text (above 18pt) WCAG AA ✓ Pass

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

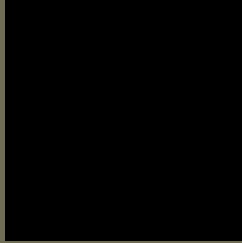
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

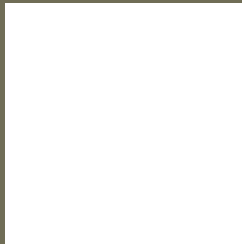
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 706D56 Background



This preview shows how black text looks on a background with the Hex color 706D56.



This preview shows how white text looks on a background with the Hex color 706D56.

# 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**  
706D56

**Protanopia**  
736C56

**Deuteranopia**  
7E6857



**Tritanopia**  
746972

# Trichromacy



**Original Color**  
706D56

**Protanomaly**  
726C56

**Deuteranomaly**  
796A57

**Tritanomaly**  
736A68

# Monochromacy



**Original Color**  
706D56

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
6D6C63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 706D56 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 #706D56 looks like.

```
.text, #text, p{  
    color:#706D56  
}
```

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 #706D56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706D56
}
```

## Border

The CSS property to change the border of an element to Hex 706D56 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".

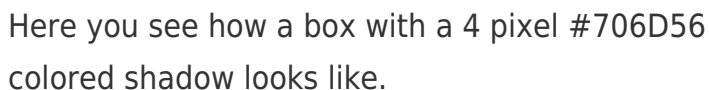
```
.border, #border, table{ border:4px solid
#706D56 }
```

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

```
.border{ border-color:#706D56 }
```

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

Here you see how a box with a 4 pixel #706D56 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706D56; -webkit-box-shadow:4px 4px  
4px 4px #706D56; box-shadow:4px 4px 4px  
4px #706D56 }
```

# Background

The CSS property to change the background color of an element to Hex 706D56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706D56 }
```

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

```
.background{ background-color:#706D56 }
```

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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