

# Converting Colors

Hex(706A56)

Have a look what the booklet for  
Hex(706A56) contains.

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# Color

**Hex(706A56)**

# Conversions

## Conversions Part 1

Format	Color
Hex	706A56
RGB	112, 106, 86
RGB Percent	44%, 42%, 34%
CMY	0.5608, 0.5843, 0.6627
CMYK	0.00, 0.05, 0.23, 0.56
HSL	46°, 13%, 39%
HSV	46°, 23%, 44%
XYZ	13.5158, 14.4247, 10.8760
YIQ	105.5140, 9.9960, -4.9480

# Conversions

## Conversions Part 2

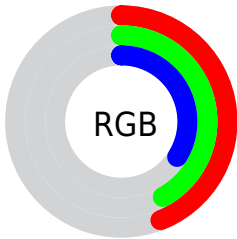
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 112, 86
Decimal	7367254
CIE Lab	44.84, -1.25, 12.09
CIE LCh	45, 12.157, 95.880
Yxy	14.4247, 0.3482, 0.3716
Android (android.graphics.Color)	4285557334 (0xFF706A56)
YUV	105.5140, -9.6204, 5.6882
Hunter-Lab	37.9799, -2.9422, 9.6075

# Details

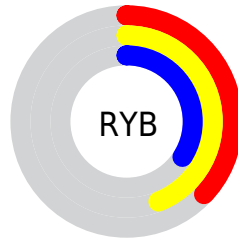
The Hex color **706A56** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **565C70**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A49D88**, and **403B29** is the 20% darker color. If you saturate the color by 10%, you get **70674B**, and if you desaturate by 10%, it is **706D61**.

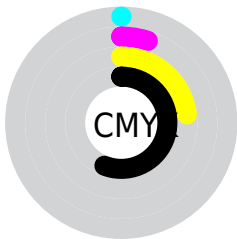
# Distribution



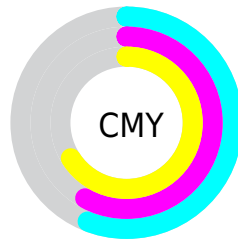
- Red (44%)
- Green (42%)
- Blue (34%)



- Red (37%)
- Yellow (44%)
- Blue (34%)



- Cyan (0%)
- Magenta (5%)
- Yellow (23%)
- Black (56%)



- Cyan (56%)
- Magenta (58%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 706A56 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 706A56 by changing the saturation by 10% instead.





706A56



706A56

FFFFFF



57523F



A49D88



403B29



BFB8A2



2A2514



DBD4BD



151100



F8F0D9



000000



FFFFFF5



706A56



706A56



70674B



706D61



706540



706F6C

■ 706234

■ 707278

■ 706029

■ 707483

■ 705D1E

■ 70778E

■ 705A13

■ 707A99

■ 705808

■ 707CA4

■ 705600

■ 707FB0

■ 7081BB

# Harmonies

## Analogous

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



796758



706A56



656D5A

# Triad

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



706A56



4F6F76



796473

# Complementary

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



706A56



565C70

# 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.



6E677A



706A56



556D7C

# Square

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



706A56



51706C



616A7E



7F6368

# Rectangle

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



706A56



5D6F5E



616A7E



766576



# Sweetspot

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



706A56



918F87



70565C



4A4944



C9C9C9



4A4A4A



# Same Dimension

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



706A56



918869



697056



383732



785C00



F7BE00



# Inverse Universe

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



565C70



697291



5D5670



323438



001C78



0039F7



# Previews

## White Background



This preview shows how the Hex color 706A56 looks on a white background.

## Color Contrast Check

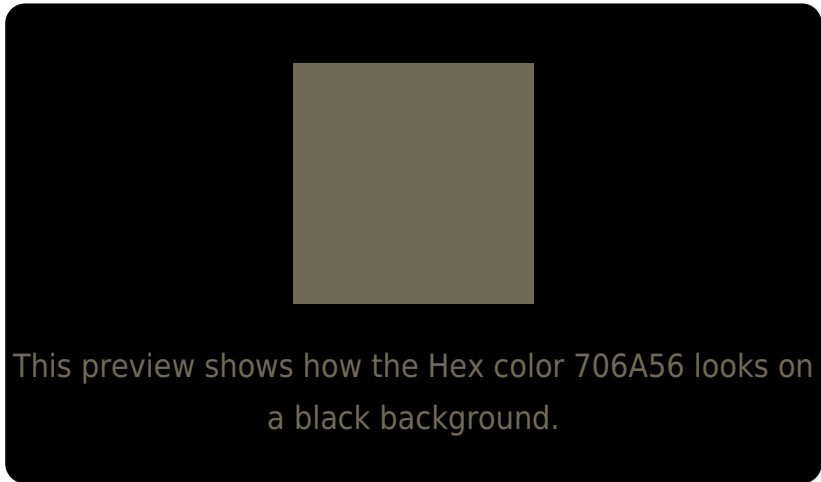
Large Text (above 18pt) WCAG AA ✓ Pass

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

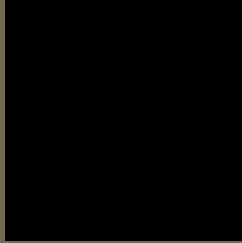
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 706A56 Background



This preview shows how black text looks on a background with the Hex color 706A56.



This preview shows how white text looks on a background with the Hex color 706A56.

# 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**  
706A56

**Protanopia**  
706A56

**Deuteranopia**  
7B6657



**Tritanopia**  
73676F

# Trichromacy



**Original Color**  
706A56

**Protanomaly**  
706A56

**Deuteranomaly**  
776757

**Tritanomaly**  
726866

# Monochromacy



**Original Color**  
706A56

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
6C6A63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 706A56 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 #706A56 looks like.

```
.text, #text, p{  
    color:#706A56  
}
```

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 #706A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706A56
}
```

## Border

The CSS property to change the border of an element to Hex 706A56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

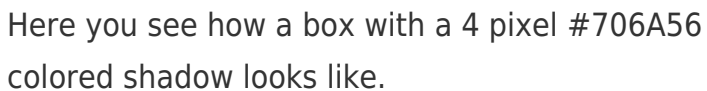
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#706A56 }
```

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

```
.border{ border-color:#706A56 }
```

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



Here you see how a box with a 4 pixel #706A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706A56; -webkit-box-shadow:4px 4px  
4px 4px #706A56; box-shadow:4px 4px 4px  
4px #706A56 }
```

# Background

The CSS property to change the background color of an element to Hex 706A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706A56 }
```

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

```
.background{ background-color:#706A56 }
```

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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