

# Converting Colors

Hex(706848)

Have a look what the booklet for  
Hex(706848) contains.

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**Color**

**Hex(706848)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	706848
RGB	112, 104, 72
RGB Percent	44%, 41%, 28%
CMY	0.5608, 0.5922, 0.7176
CMYK	0.00, 0.07, 0.36, 0.56
HSL	48°, 22%, 36%
HSV	48°, 36%, 44%
XYZ	12.8021, 13.8133, 8.1224
YIQ	102.7440, 15.0400, -8.2560

# Conversions

## Conversions Part 2

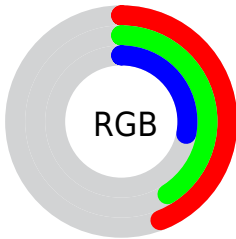
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 112, 72
Decimal	7366728
CIE <sub>Lab</sub>	43.96, -2.16, 19.19
CIE <sub>LCh</sub>	44, 19.316, 96.432
Yxy	13.8133, 0.3685, 0.3976
Android (android.graphics.Color)	4285556808 (0xFF706848)
YUV	102.7440, -15.1568, 8.1175
Hunter-Lab	37.1662, -3.5555, 13.0590

# Details

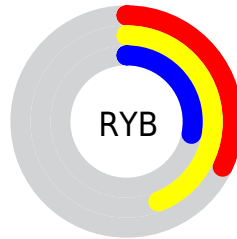
The Hex color **706848** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **485070**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A49B79**, and **3F391C** is the 20% darker color. If you saturate the color by 10%, you get **70663D**, and if you desaturate by 10%, it is **706A53**.

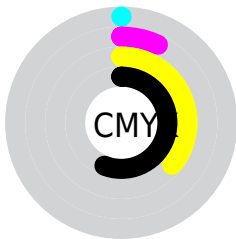
# Distribution



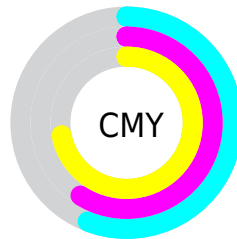
- Red (44%)
- Green (41%)
- Blue (28%)



- Red (32%)
- Yellow (44%)
- Blue (28%)



- Cyan (0%)
- Magenta (7%)
- Yellow (36%)
- Black (56%)



- Cyan (56%)
- Magenta (59%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 706848 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 706848 by changing the saturation by 10% instead.



 706848

 706848

FFFFFF

 575031

 A49B79

 3F391C

 C0B693

 292403

 DCD1AD

 100F00

 F8EEC9

 000000

 FFFF E5

 706848

 706848

 70663D

 706A53

 706432

 706C5E

■ 706126

■ 706F6A

■ 705F1B

■ 707175

■ 705D10

■ 707380

■ 705B05

■ 70758B

■ 705A00

■ 707896

■ 707AA2

■ 707CAD

# Harmonies

## Analogous

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



7E634B



706848



5E6D4E

# Triad

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



706848



37707A



7F5E75

# Complementary

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



706848



485070

# 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.



6F6382



706848



436D85

# Square

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



706848



3C716B



596888



885C65

# Rectangle

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



706848



526F56



596888



7B5F7A



# Sweetspot

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



706848



918E81



704850



4A4840



C9C9C9



4A4A4A



# Same Dimension

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



706848



918553



647048



383732



786000



F7C600



# Inverse Universe

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



485070



535F91



544870



323438



001878



0031F7



# Previews

## White Background



This preview shows how the Hex color 706848 looks on a white background.

## Color Contrast Check

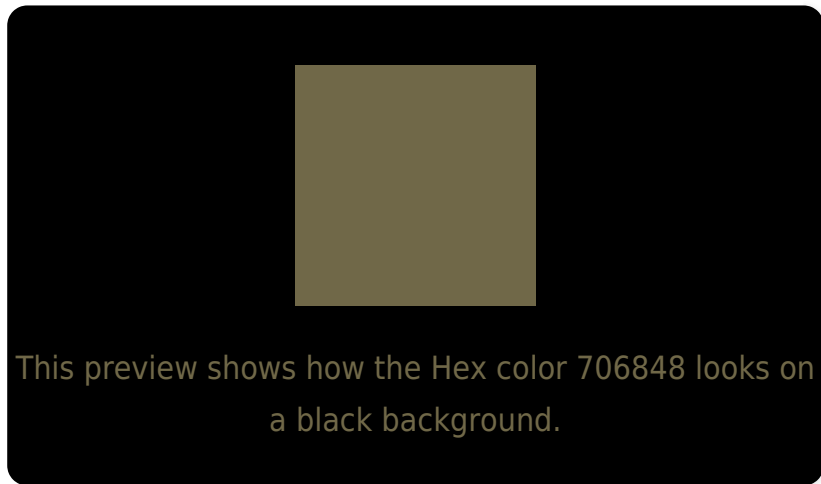
Large Text (above 18pt) WCAG AA ✓ Pass

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 706848 Background



This preview shows how black text looks on a background with the Hex color 706848.



This preview shows how white text looks on a background with the Hex color 706848.

# 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**

706848

**Protanopia**

706848

**Deuteranopia**

7C6449



**Tritanopia**  
74646B

# Trichromacy



**Original Color**  
706848

**Protanomaly**  
706848

**Deuteranomaly**  
786549

**Tritanomaly**  
73655E

# Monochromacy



**Original Color**  
706848

**Achromatopsia**  
676767

**Achromatomaly**  
6A675C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 706848 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 #706848 looks like.

```
.text, #text, p{  
    color:#706848  
}
```

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 #706848 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706848  
}
```

## Border

The CSS property to change the border of an element to Hex 706848 is called "border". The border property can be set on classes, ids or directly on the HTML element.

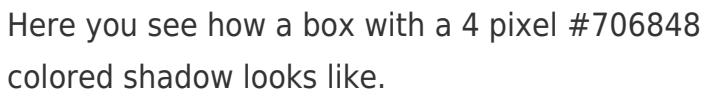
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#706848 }
```

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

```
.border{ border-color:#706848 }
```

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



Here you see how a box with a 4 pixel #706848 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706848; -webkit-box-shadow:4px 4px  
4px 4px #706848; box-shadow:4px 4px 4px  
4px #706848 }
```

# Background

The CSS property to change the background color of an element to Hex 706848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706848 }
```

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

```
.background{ background-color:#706848 }
```

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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