

# Converting Colors

Hex(706250)

Have a look what the booklet for  
Hex(706250) contains.

<b>Hex(706250)</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(706250)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	706250
RGB	112, 98, 80
RGB Percent	44%, 38%, 31%
CMY	0.5608, 0.6157, 0.6863
CMYK	0.00, 0.13, 0.29, 0.56
HSL	34°, 17%, 38%
HSV	34°, 29%, 44%
XYZ	12.4977, 12.7593, 9.3935
YIQ	100.1340, 14.1220, -2.6300

# Conversions

## Conversions Part 2

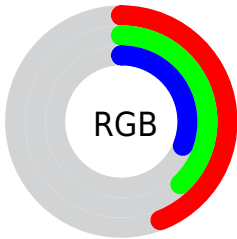
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 112, 80
Decimal	7365200
CIELab	42.40, 2.54, 12.31
CIElCh	42, 12.572, 78.358
Yxy	12.7593, 0.3607, 0.3682
Android (android.graphics.Color)	4285555280 (0xFF706250)
YUV	100.1340, -9.9261, 10.4065
Hunter-Lab	35.7202, -0.0568, 9.4123

# Details

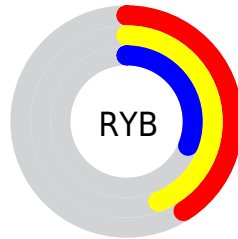
The Hex color **706250** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **505E70**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **A49581**, and **403423** is the 20% darker color. If you saturate the color by 10%, you get **705D45**, and if you desaturate by 10%, it is **70675B**.

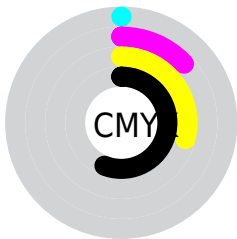
# Distribution



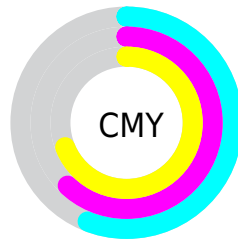
- Red (44%)
- Green (38%)
- Blue (31%)



- Red (41%)
- Yellow (44%)
- Blue (31%)



- Cyan (0%)
- Magenta (13%)
- Yellow (29%)
- Black (56%)



- Cyan (56%)
- Magenta (62%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 706250 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 706250 by changing the saturation by 10% instead.



 706250

 706250

FFFFFF

 574A39

 A49581

 403423

 BFAF9B

 291F0E

 DBCBB6

 120600

 F8E7D2

 000000

 FFFFEE

 706250

 706250

 705D45

 70675B

 70583A

 706C66

70532E

707172

704E23

70767D

704A18

707B88

70450D

707F93

704002

70849E

703F00

7089AA

708EB5

# Harmonies

## Analogous

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



775F55



706250



656550

# Triad

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



706250



496A6A



6E5F72

# Complementary

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



706250



505E70

# 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.



616378



706250



4A6973

# Square

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



706250



4F6A60



536678



765D69

# Rectangle

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



706250



5D6754



536678



6A6074



# Sweetspot

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



706250



918C84



70505E



4A4642



C9C9C9



4A4A4A



# Same Dimension

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



706250



917C60



6E7050



383632



784300



F78B00



# Inverse Universe

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



505E70



607691



525070



323538



003478



006CF7



# Previews

## White Background



This preview shows how the Hex color 706250 looks on a white background.

## Color Contrast Check

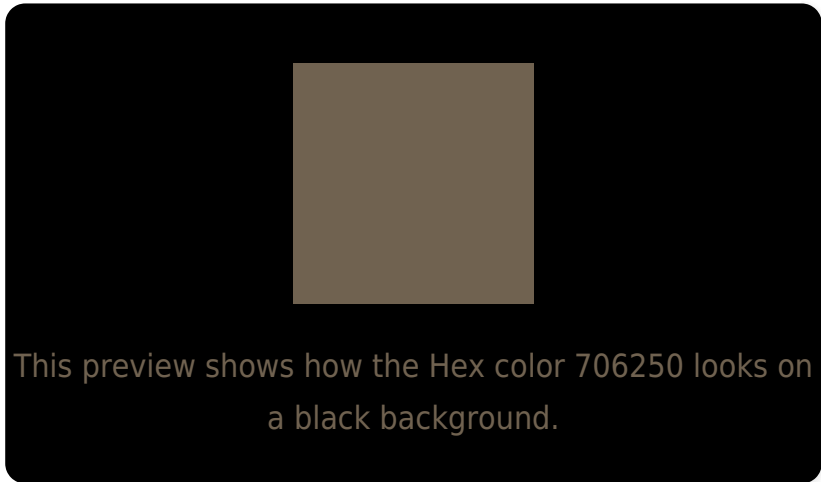
Large Text (above 18pt) WCAG AA ✓ Pass

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

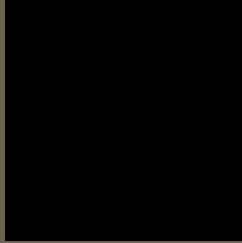
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 706250 Background



This preview shows how black text looks on a background with the Hex color 706250.



This preview shows how white text looks on a background with the Hex color 706250.

# 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**

706250

**Protanopia**

6A6451

**Deuteranopia**

756050



**Tritanopia**  
735F66

# Trichromacy



**Original Color**  
706250

**Protanomaly**  
6C6351

**Deuteranomaly**  
736150

**Tritanomaly**  
72605E

# Monochromacy



**Original Color**  
706250

**Achromatopsia**  
646464

**Achromatomaly**  
68635D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 706250 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 #706250 looks like.

```
.text, #text, p{  
    color:#706250  
}
```

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 #706250 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706250
}
```

## Border

The CSS property to change the border of an element to Hex 706250 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
#706250 }
```

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

```
.border{ border-color:#706250 }
```

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

Here you see how a box with a 4 pixel #706250 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706250; -webkit-box-shadow:4px 4px  
4px 4px #706250; box-shadow:4px 4px 4px  
4px #706250 }
```

# Background

The CSS property to change the background color of an element to Hex 706250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706250 }
```

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

```
.background{ background-color:#706250 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor