

# Converting Colors

Hex(706653)

Have a look what the booklet for  
Hex(706653) contains.

<b>Hex(706653)</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(706653)**

# Conversions

## Conversions Part 1

Format	Color
Hex	706653
RGB	112, 102, 83
RGB Percent	44%, 40%, 33%
CMY	0.5608, 0.6000, 0.6745
CMYK	0.00, 0.09, 0.26, 0.56
HSL	39°, 15%, 38%
HSV	39°, 26%, 44%
XYZ	12.9948, 13.5720, 10.1184
YIQ	102.8240, 12.0590, -3.7890

# Conversions

## Conversions Part 2

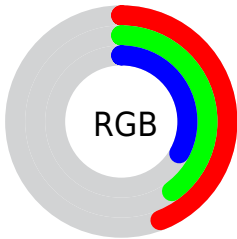
Format	Color
<b>RYB</b>	98, 112, 83
Decimal	7366227
CIELab	43.61, 0.63, 12.19
CIELCh	44, 12.207, 87.045
Yxy	13.5720, 0.3542, 0.3700
Android (android.graphics.Color)	4285556307 (0xFF706653)
YUV	102.8240, -9.7732, 8.0474
Hunter-Lab	36.8402, -1.5074, 9.5038

# Details

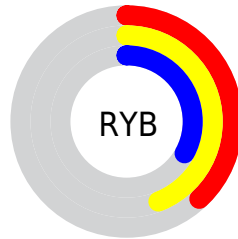
The Hex color **706653** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **535D70**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A49985**, and **403726** is the 20% darker color. If you saturate the color by 10%, you get **706248**, and if you desaturate by 10%, it is **706A5E**.

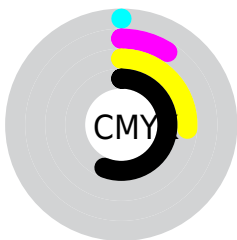
# Distribution



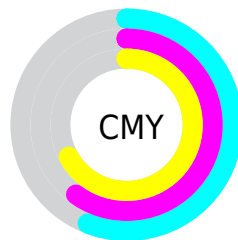
- Red (44%)
- Green (40%)
- Blue (33%)



- Red (38%)
- Yellow (44%)
- Blue (33%)



- Cyan (0%)
- Magenta (9%)
- Yellow (26%)
- Black (56%)



- Cyan (56%)
- Magenta (60%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 706653 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 706653 by changing the saturation by 10% instead.



 706653

 706653

FFFFFFF

 574E3C

 A49985

 403726

 BFB49F

 292212

 DBCFBA

 130C00

 F8EBD5

 000000

 FFFFF2

 706653

 706653

 706248

 706A5E

 705E3D

 706E69

■ 705A31

■ 707275

■ 705726

■ 707580

■ 70531B

■ 70798B

■ 704F10

■ 707D96

■ 704B05

■ 7081A1

■ 704900

■ 7085AD

■ 7089B8

# Harmonies

## Analogous

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



786356



706653



656955

# Triad

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



706653



4C6D70



736272

# Complementary

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



706653



535D70

# 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.



686579



706653



506B78

# Square

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



706653



506D66



5A687B



7B6068

# Rectangle

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



706653



5D6B59



5A687B



706375



# Sweetspot

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



706653



918D86



70535D



4A4743



C9C9C9



4A4A4A



# Same Dimension

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



706653



918264



6C7053



383632



784F00



F7A200



# Inverse Universe

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



535D70



647491



575370



323438



002978



0055F7



# Previews

## White Background



This preview shows how the Hex color 706653 looks on a white background.

## Color Contrast Check

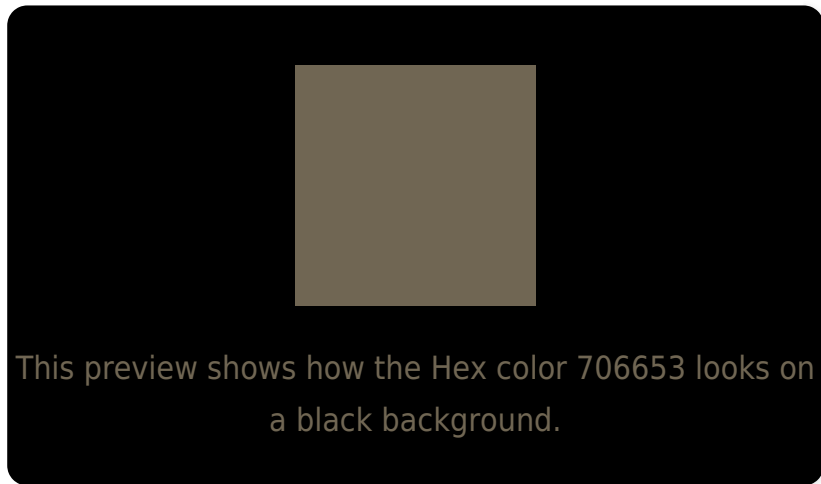
Large Text (above 18pt) WCAG AA ✓ Pass

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

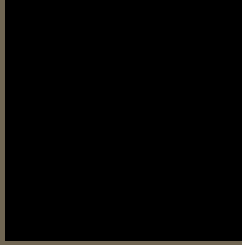
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 706653 Background



This preview shows how black text looks on a background with the Hex color 706653.



This preview shows how white text looks on a background with the Hex color 706653.

# 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**  
706653

**Protanopia**  
6D6753

**Deuteranopia**  
786354



**Tritanopia**  
73636A

# Trichromacy



**Original Color**  
706653

**Protanomaly**  
6E6753

**Deuteranomaly**  
756454

**Tritanomaly**  
726462

# Monochromacy



**Original Color**  
706653

**Achromatopsia**  
676767

**Achromatomaly**  
6A6760

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 706653 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 #706653 looks like.

```
.text, #text, p{  
    color:#706653  
}
```

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 #706653 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706653
}
```

## Border

The CSS property to change the border of an element to Hex 706653 is called "border". The border property can be set on classes, ids or directly on the HTML element.

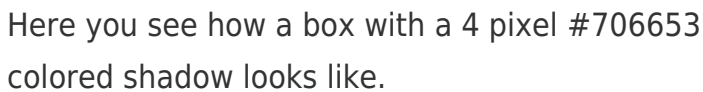
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#706653 }
```

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

```
.border{ border-color:#706653 }
```

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



Here you see how a box with a 4 pixel #706653 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706653; -webkit-box-shadow:4px 4px  
4px 4px #706653; box-shadow:4px 4px 4px  
4px #706653 }
```

# Background

The CSS property to change the background color of an element to Hex 706653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706653 }
```

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

```
.background{ background-color:#706653 }
```

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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