

Converting Colors

Hex(706F55)

Have a look what the booklet for
Hex(706F55) contains.

Hex(706F55)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(706F55)

Conversions

Conversions Part 1

Format	Color
Hex	706F55
RGB	112, 111, 85
RGB Percent	44%, 44%, 33%
CMY	0.5608, 0.5647, 0.6667
CMYK	0.00, 0.01, 0.24, 0.56
HSL	58°, 14%, 39%
HSV	58°, 24%, 44%
XYZ	14.0062, 15.4695, 10.8420
YIQ	108.3350, 8.9420, -7.8740

Conversions

Conversions Part 2

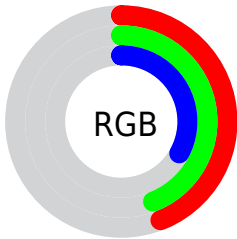
Format	Color
R_{YB}	86, 112, 85
Decimal	7368533
CIE _{Lab}	46.27, -4.31, 14.66
CIE _{LCh}	46, 15.284, 106.382
Yxy	15.4695, 0.3474, 0.3837
Android (android.graphics.Color)	4285558613 (0xFF706F55)
YUV	108.3350, -11.5042, 3.2142
Hunter-Lab	39.3313, -5.2643, 11.1881

Details

The Hex color **706F55** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **555670**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A4A387**, and **403F28** is the 20% darker color. If you saturate the color by 10%, you get **706F4A**, and if you desaturate by 10%, it is **706F60**.

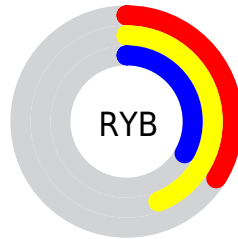
Distribution



Red (44%)

Green (44%)

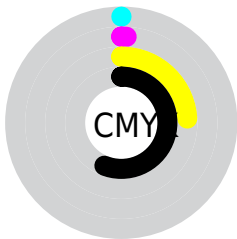
Blue (33%)



Red (34%)

Yellow (44%)

Blue (33%)

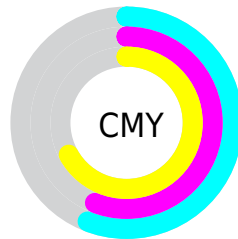


Cyan (0%)

Magenta (1%)

Yellow (24%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 706F55 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 706F55 by changing the saturation by 10% instead.

 706F55

 706F55

FFFFFF

 57573E

 A4A387

 403F28

 BFBEA1

 292A13

 DBD9BC

 151500

 F8F6D8

 000000

 FFFFF4

 706F55

 706F55

 706F4A

 706F60

 706E3F

 70706B

706E33

707077

706D28

707182

706D1D

70718D

706D12

707198

706C07

7072A3

706C00

7072AF

7073BA

Harmonies

Analogous

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



7D6B55



706F55



61725C

Triad

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



706F55



4C7480



846574

Complementary

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



706F55



555670

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.



78687F



706F55



577186

Square

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



706F55



4B7574



686C86



886567

Rectangle

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



706F55



587463



686C86



816678

Sweetspot

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



706F55



919187



705556



4A4A44



C9C9C9



4A4A4A

Same Dimension

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



706F55



919067



647055



383832



787300



F7EE00

Inverse Universe

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



555670



676991



615570



323338



000478



0009F7

Previews

White Background



This preview shows how the Hex color 706F55 looks on a white background.

Color Contrast Check

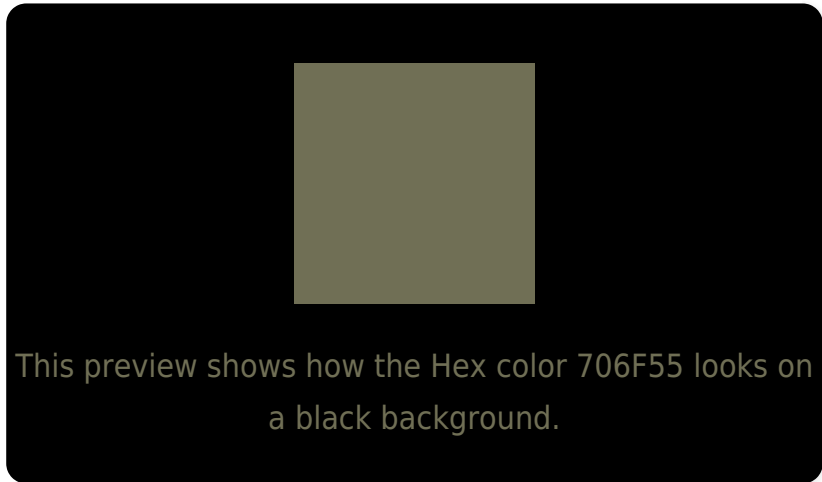
Large Text (above 18pt) WCAG AA ✓ Pass

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

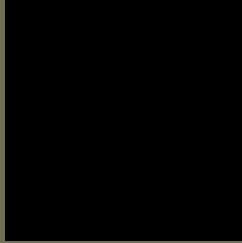
Any Text WCAG AA × Fail

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 706F55 Background



This preview shows how black text looks on a background with the Hex color 706F55.



This preview shows how white text looks on a background with the Hex color 706F55.

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](#).

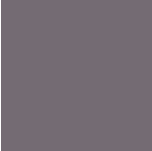
Dichromacy



Original Color
706F55

Protanopia
756D54

Deuteranopia
806956



Tritanopia
746B73

Trichromacy



Original Color
706F55

Protanomaly
736E54

Deuteranomaly
7A6B56

Tritanomaly
736C68

Monochromacy



Original Color
706F55

Achromatopsia
6C6C6C

Achromatomaly
6D6D64

CSS Examples

Text

The CSS property to change the color of the text to Hex 706F55 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 #706F55 looks like.

```
.text, #text, p{  
    color:#706F55  
}
```

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 #706F55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706F55
}
```

Border

The CSS property to change the border of an element to Hex 706F55 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".

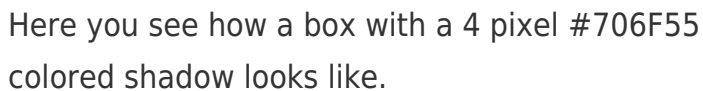
```
.border, #border, table{ border:4px solid
#706F55 }
```

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

```
.border{ border-color:#706F55 }
```

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

Here you see how a box with a 4 pixel #706F55 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706F55; -webkit-box-shadow:4px 4px  
4px 4px #706F55; box-shadow:4px 4px 4px  
4px #706F55 }
```

Background

The CSS property to change the background color of an element to Hex 706F55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706F55 }
```

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

```
.background{ background-color:#706F55 }
```

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