

# Converting Colors

Hex(746855)

Have a look what the booklet for  
Hex(746855) contains.

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**Color**

**Hex(746855)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	746855
RGB	116, 104, 85
RGB Percent	45%, 41%, 33%
CMY	0.5451, 0.5922, 0.6667
CMYK	0.00, 0.10, 0.27, 0.55
HSL	37°, 15%, 39%
HSV	37°, 27%, 45%
XYZ	13.7925, 14.2695, 10.6217
YIQ	105.4220, 13.2510, -3.3650

# Conversions

## Conversions Part 2

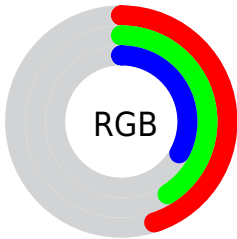
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 116, 85
Decimal	7628885
CIE Lab	44.62, 1.47, 12.44
CIE LCh	45, 12.530, 83.277
Yxy	14.2695, 0.3565, 0.3689
Android (android.graphics.Color)	4285818965 (0xFF746855)
YUV	105.4220, -10.0680, 9.2769
Hunter-Lab	37.7750, -0.9321, 9.7712

# Details

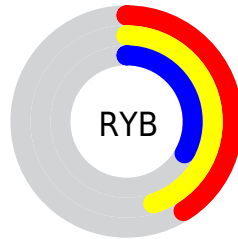
The Hex color **746855** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **556174**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A89B87**, and **433928** is the 20% darker color. If you saturate the color by 10%, you get **746449**, and if you desaturate by 10%, it is **746C61**.

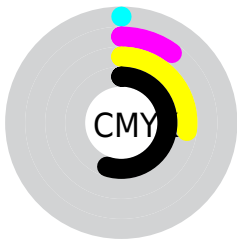
# Distribution



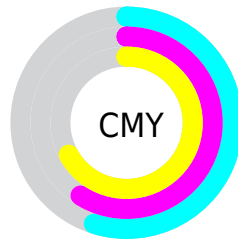
- Red (45%)
- Green (41%)
- Blue (33%)



- Red (41%)
- Yellow (45%)
- Blue (33%)



- Cyan (0%)
- Magenta (10%)
- Yellow (27%)
- Black (55%)



- Cyan (55%)
- Magenta (59%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 746855 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 746855 by changing the saturation by 10% instead.



 746855

 746855

FFFFFF

 5B503E

 A89B87

 433928

 C4B6A1

 2D2413

 E0D1BC

 180E00

 FDEED8

 000000

 FFFFF4

 746855

 746855

 746449

 746C61

 745F3E

 74716C

■ 745B32

■ 747578

■ 745627

■ 747A83

■ 74521B

■ 747E8F

■ 744D0F

■ 74839B

■ 744904

■ 7487A6

■ 744700

■ 748CB2

■ 7490BD

# Harmonies

## Analogous

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



7C6559



746855



696B56

# Triad

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



746855



4E6F71



756476

# Complementary

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



746855



556174

# 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.



68687D



746855



516E7A

# Square

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



746855



536F67



5B6B7E



7D626C

# Rectangle

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



746855



616D5A



5B6B7E



716579



# Sweetspot

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



746855



96928A



745561



4D4A45



CCCCCC



4D4D4D



# Same Dimension

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



746855



968466



717455



3B3835



7A4B00



FA9900



# Inverse Universe

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



556174



667996



585574



35373B



002F7A



0061FA



# Previews

## White Background



This preview shows how the Hex color 746855 looks on a white background.

## Color Contrast Check

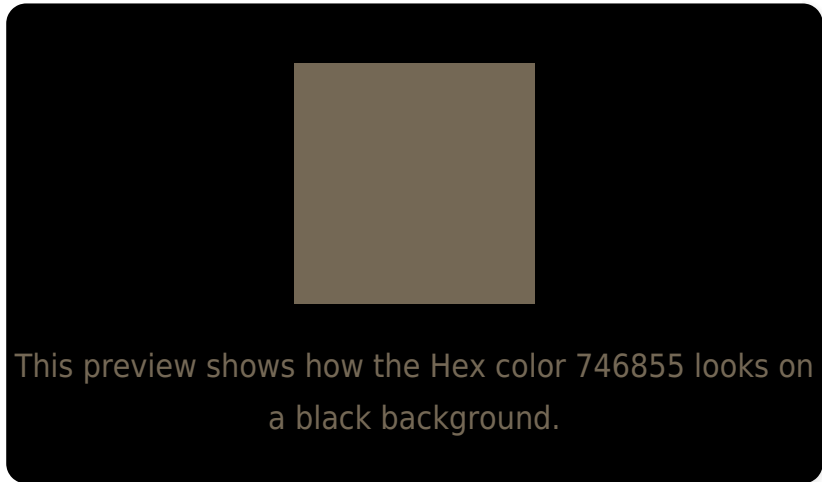
Large Text (above 18pt) WCAG AA ✓ Pass

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

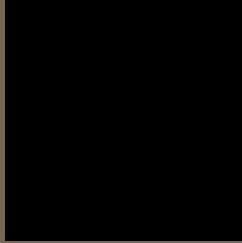
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 746855 Background



This preview shows how black text looks on a background with the Hex color 746855.



This preview shows how white text looks on a background with the Hex color 746855.

# 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**  
746855

**Protanopia**  
706956

**Deuteranopia**  
7B6556



**Tritanopia**  
77656D

# Trichromacy



**Original Color**  
746855

**Protanomaly**  
716956

**Deuteranomaly**  
786656

**Tritanomaly**  
766664

# Monochromacy



**Original Color**  
746855

**Achromatopsia**  
696969

**Achromatomaly**  
6D6962

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 746855 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 #746855 looks like.

```
.text, #text, p{  
    color:#746855  
}
```

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 #746855 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #746855
}
```

## Border

The CSS property to change the border of an element to Hex 746855 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".

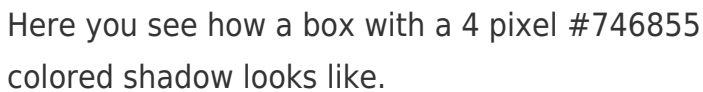
```
.border, #border, table{ border:4px solid
#746855 }
```

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

```
.border{ border-color:#746855 }
```

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

Here you see how a box with a 4 pixel #746855 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #746855; -webkit-box-shadow:4px 4px  
4px 4px #746855; box-shadow:4px 4px 4px  
4px #746855 }
```

# Background

The CSS property to change the background color of an element to Hex 746855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#746855 }
```

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

```
.background{ background-color:#746855 }
```

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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