

# Converting Colors

Hex(747065)

Have a look what the booklet for  
Hex(747065) contains.

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# Color

**Hex(747065)**

# Conversions

## Conversions Part 1

Format	Color
Hex	747065
RGB	116, 112, 101
RGB Percent	45%, 44%, 40%
CMY	0.5451, 0.5608, 0.6039
CMYK	0.00, 0.03, 0.13, 0.55
HSL	44°, 7%, 43%
HSV	44°, 13%, 45%
XYZ	15.3456, 16.2409, 14.6379
YIQ	111.9420, 5.9150, -2.5730

# Conversions

## Conversions Part 2

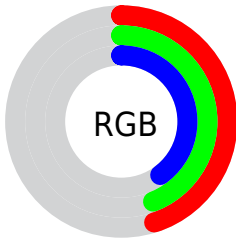
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 116, 101
Decimal	7630949
CIE <sub>Lab</sub>	47.29, -0.54, 6.66
CIE <sub>LCh</sub>	47, 6.685, 94.605
Yxy	16.2409, 0.3320, 0.3513
Android (android.graphics.Color)	4285821029 (0xFF747065)
YUV	111.9420, -5.3944, 3.5589
Hunter-Lab	40.3000, -2.5552, 6.6745

# Details

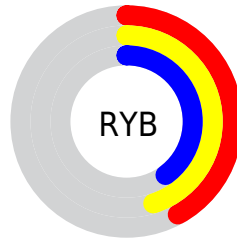
The Hex color **747065** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **656974**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A8A498**, and **444036** is the 20% darker color. If you saturate the color by 10%, you get **746D59**, and if you desaturate by 10%, it is **747371**.

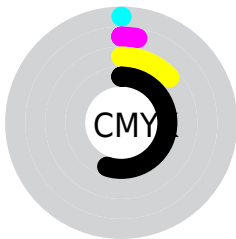
# Distribution



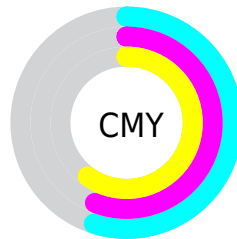
- Red (45%)
- Green (44%)
- Blue (40%)



- Red (42%)
- Yellow (45%)
- Blue (40%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (55%)



- Cyan (55%)
- Magenta (56%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 747065 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 747065 by changing the saturation by 10% instead.



■ 747065

■ 747065

FFFFFF

■ 5B584D

■ A8A498

■ 444036

■ C3BFB3

■ 2E2A21

■ DFDBCE

■ 19160A

■ FCF7EA

■ 000000

■ 747065

■ 747065

■ 746D59

■ 747371

■ 746A4E

■ 74767C

■ 746742

■ 747988

■ 746437

■ 747C93

■ 74612B

■ 747F9F

■ 745D1F

■ 7483AB

■ 745A14

■ 7486B6

■ 745708

■ 7489C2

■ 745500

■ 748CCD

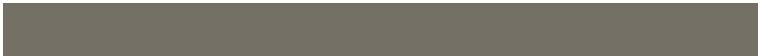
# Harmonies

## Analogous

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



796E66



747065



6E7267

# Triad

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



747065



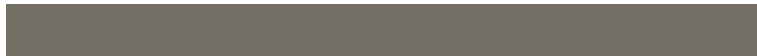
627376



786D75

# Complementary

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



747065



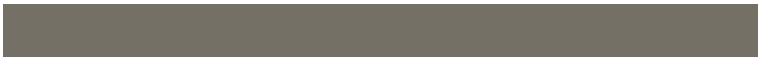
656974

# 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.



726E79



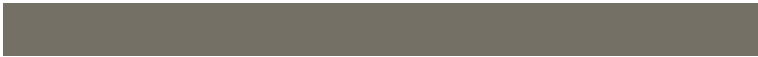
747065



65727A

# Square

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



747065



637471



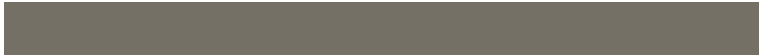
6B707B



7C6C6F

# Rectangle

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



747065



697369



6B707B

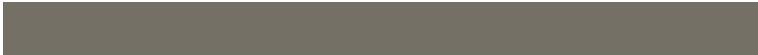


776D77



# Sweetspot

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



747065



969590



746569



4D4B49



CCCCCC



4D4D4D



# Same Dimension

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



747065



96907E



717465



3B3935



7A5A00



FAB700



# Inverse Universe

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



656974



7E8596



696574



35363B



00217A

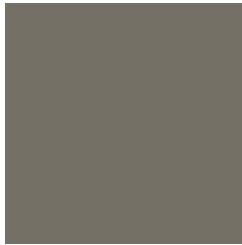


0043FA



# Previews

## White Background



This preview shows how the Hex color 747065 looks on a white background.

## Color Contrast Check

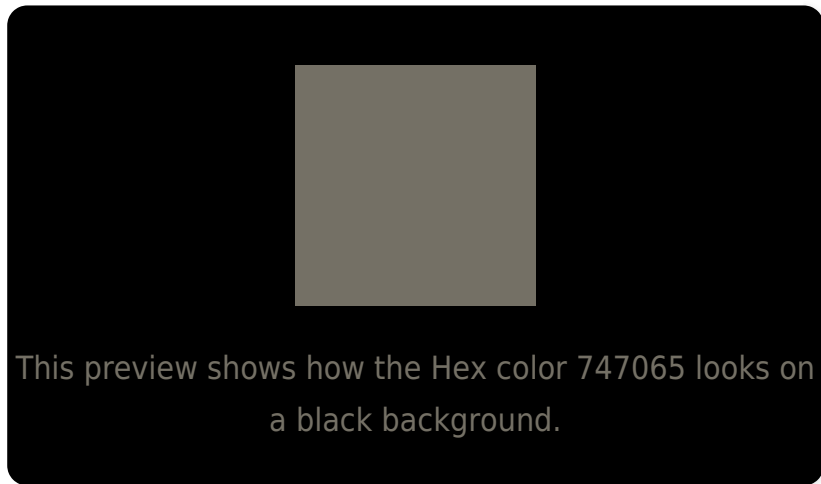
Large Text (above 18pt) WCAG AA ✓ Pass

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

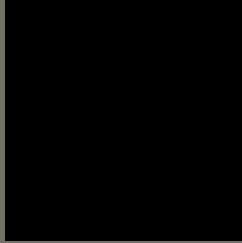
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

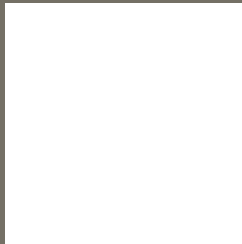
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 747065 Background



This preview shows how black text looks on a background with the Hex color 747065.



This preview shows how white text looks on a background with the Hex color 747065.

# 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**  
747065

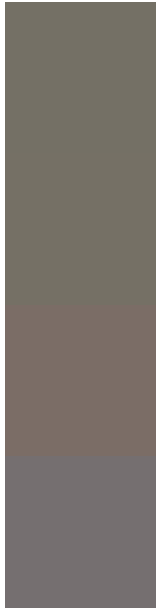
**Protanopia**  
757065

**Deuteranopia**  
7F6C66



**Tritanopia**  
766E76

# Trichromacy



**Original Color**  
747065

**Protanomaly**  
757065

**Deuteranomaly**  
7B6D66

**Tritanomaly**  
756F70

# Monochromacy



**Original Color**  
747065

**Achromatopsia**  
707070

**Achromatomaly**  
71706C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 747065 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 #747065 looks like.

```
.text, #text, p{  
    color:#747065  
}
```

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 #747065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747065
}
```

## Border

The CSS property to change the border of an element to Hex 747065 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".

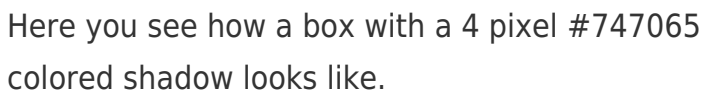
```
.border, #border, table{ border:4px solid
#747065 }
```

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

```
.border{ border-color:#747065 }
```

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

Here you see how a box with a 4 pixel #747065 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747065; -webkit-box-shadow:4px 4px  
4px 4px #747065; box-shadow:4px 4px 4px  
4px #747065 }
```

# Background

The CSS property to change the background color of an element to Hex 747065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747065 }
```

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

```
.background{ background-color:#747065 }
```

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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