

# Converting Colors

Hex(707061)

Have a look what the booklet for  
Hex(707061) contains.

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# Color

**Hex(707061)**

# Conversions

## Conversions Part 1

Format	Color
Hex	707061
RGB	112, 112, 97
RGB Percent	44%, 44%, 38%
CMY	0.5608, 0.5608, 0.6196
CMYK	0.00, 0.00, 0.13, 0.56
HSL	60°, 7%, 41%
HSV	60°, 13%, 44%
XYZ	14.6339, 15.8962, 13.6062
YIQ	110.2900, 4.8150, -4.6650

# Conversions

## Conversions Part 2

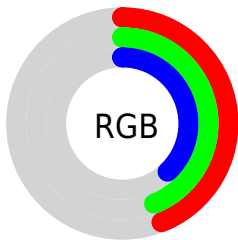
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 112, 97
Decimal	7368801
CIE <sub>Lab</sub>	46.84, -2.87, 8.35
CIE <sub>LCh</sub>	47, 8.830, 108.953
Yxy	15.8962, 0.3316, 0.3602
Android (android.graphics.Color)	4285558881 (0xFF707061)
YUV	110.2900, -6.5520, 1.4997
Hunter-Lab	39.8700, -4.2556, 7.6754

# Details

The Hex color **707061** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **616170**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **A4A494**, and **404033** is the 20% darker color. If you saturate the color by 10%, you get **707056**, and if you desaturate by 10%, it is **70706C**.

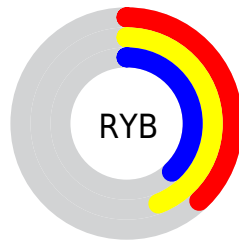
# Distribution



Red (44%)

Green (44%)

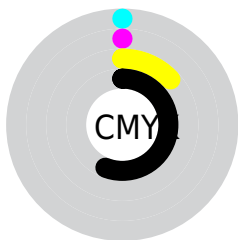
Blue (38%)



Red (38%)

Yellow (44%)

Blue (38%)

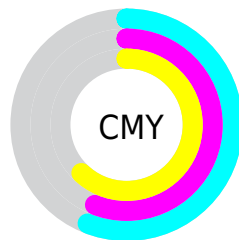


Cyan (0%)

Magenta (0%)

Yellow (13%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 707061 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 707061 by changing the saturation by 10% instead.



 707061

 707061

FFFFFF

 585849

 A4A494

 404033

 BFBFAE

 2A2A1E

 DBDBCA

 161604

 F7F7E6

 000000

 707061

 707061

 707056

 70706C

 70704B

 707077

 70703F

 707083

■ 707034

■ 70708E

■ 707029

■ 707099

■ 70701E

■ 7070A4

■ 707013

■ 7070AF

■ 707007

■ 7070BB

■ 707000

■ 7070C6

# Harmonies

## Analogous

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



786E61



707061



677265

# Triad

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



707061



5E727A



7D6A72

# Complementary

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



707061



616170

# 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.



766C79



707061



64707D

# Square

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



707061



5C7374



6D6E7D



7F6A6B

# Rectangle

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



707061



627369



6D6E7D



7B6B75



# Sweetspot

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



707061



91918C



706161



4A4A46



C9C9C9



4A4A4A



# Same Dimension

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



707061



91917A



697061



383832



787800



F7F700



# Inverse Universe

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



616170



7A7A91



696170



323238



000078



0000F7



# Previews

## White Background



This preview shows how the Hex color 707061 looks on a white background.

## Color Contrast Check

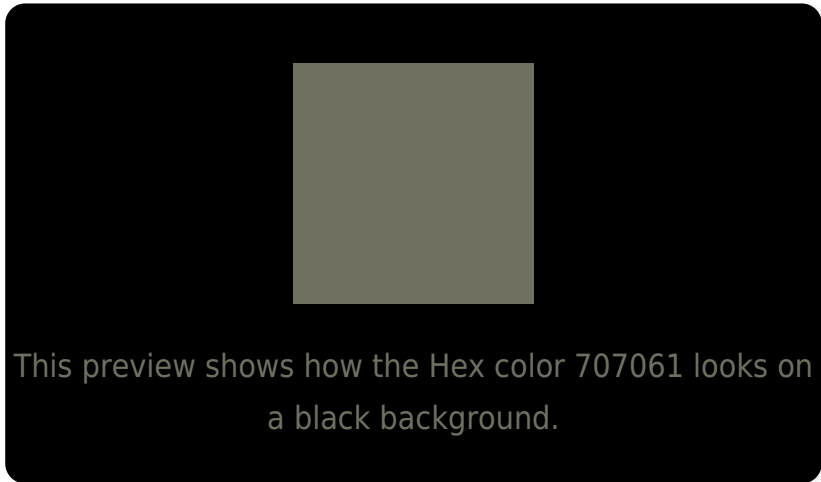
Large Text (above 18pt) WCAG AA ✓ Pass

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

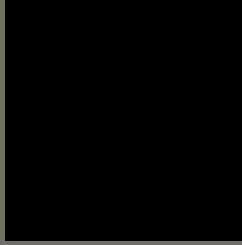
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

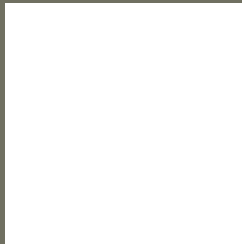
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 707061 Background



This preview shows how black text looks on a background with the Hex color 707061.



This preview shows how white text looks on a background with the Hex color 707061.

# 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**  
707061

**Protanopia**  
746F60

**Deuteranopia**  
7E6B62



**Tritanopia**  
736D76

# Trichromacy



**Original Color**  
707061

**Protanomaly**  
736F60

**Deuteranomaly**  
796D62

**Tritanomaly**  
726E6E

# Monochromacy



**Original Color**  
707061

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
6F6F69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 707061 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 #707061 looks like.

```
.text, #text, p{  
    color:#707061  
}
```

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 #707061 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #707061
}
```

## Border

The CSS property to change the border of an element to Hex 707061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

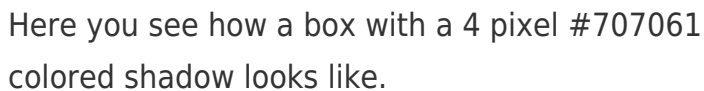
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#707061 }
```

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

```
.border{ border-color:#707061 }
```

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



Here you see how a box with a 4 pixel #707061 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #707061; -webkit-box-shadow:4px 4px  
4px 4px #707061; box-shadow:4px 4px 4px  
4px #707061 }
```

# Background

The CSS property to change the background color of an element to Hex 707061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#707061 }
```

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

```
.background{ background-color:#707061 }
```

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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