

# Converting Colors

Hex(707668)

Have a look what the booklet for  
Hex(707668) contains.

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# Color

**Hex(707668)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	707668
RGB	112, 118, 104
RGB Percent	44%, 46%, 41%
CMY	0.5608, 0.5373, 0.5922
CMYK	0.05, 0.00, 0.12, 0.54
HSL	86°, 6%, 44%
HSV	86°, 12%, 46%
XYZ	15.6592, 17.4011, 15.6301
YIQ	114.6100, 0.9180, -5.6260

# Conversions

## Conversions Part 2

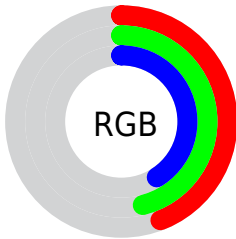
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 118, 110
Decimal	7370344
CIE <sub>Lab</sub>	48.76, -5.04, 6.94
CIE <sub>LCh</sub>	49, 8.576, 126.005
Yxy	17.4011, 0.3216, 0.3574
Android (android.graphics.Color)	4285560424 (0xFF707668)
YUV	114.6100, -5.2307, -2.2890
Hunter-Lab	41.7146, -5.9936, 6.9848

# Details

The Hex color **707668** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E6876**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A4AA9B**, and **404639** is the 20% darker color. If you saturate the color by 10%, you get **6B765C**, and if you desaturate by 10%, it is **757674**.

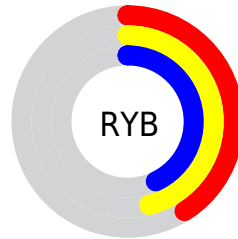
# Distribution



Red (44%)

Green (46%)

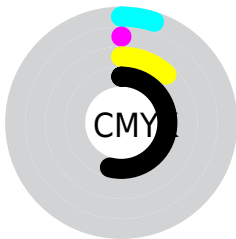
Blue (41%)



Red (41%)

Yellow (46%)

Blue (43%)

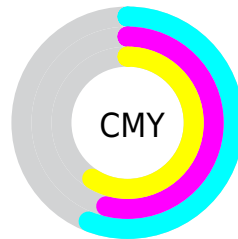


Cyan (5%)

Magenta (0%)

Yellow (12%)

Black (54%)



Cyan (56%)

Magenta (54%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 707668 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 707668 by changing the saturation by 10% instead.



 707668

 707668

FFFFFF

 585D50

 A4AA9B

 404639

 BFC5B6

 2A2F23

 DBE1D2

 161B0E

 F7FEEE

 000000

 707668


 707668

 6B765C

 757674

 667650

 7A7680

 617645

 7F768B

■ 5C7639

■ 847697

■ 57762D

■ 8976A3

■ 527621

■ 8E76AF

■ 4D7615

■ 9376BB

■ 48760A

■ 9876C6

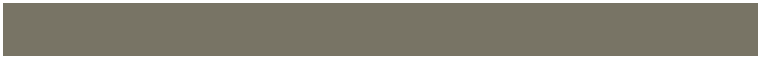
■ 437600

■ 9E76D2

# Harmonies

## Analogous

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



787465



707668



68786E

# Triad

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



707668



667681



836F73

# Complementary

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



707668



6E6876

# 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.



7F707A



707668



6E7482

# Square

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



707668



62787C



777280



83706C

# Rectangle

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



707668



647873



777280



826F75



# Sweetspot

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



707668



969993



766E68



4B4D49



CCCCCC



4D4D4D



# Same Dimension

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



707668



909984



697668



383B35



467A00



8FFA00



# Inverse Universe

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



6E6876



8D8499



756876



37353B



34007A

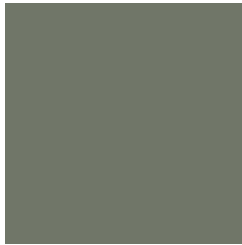


6B00FA



# Previews

## White Background



This preview shows how the Hex color 707668 looks on a white background.

## Color Contrast Check

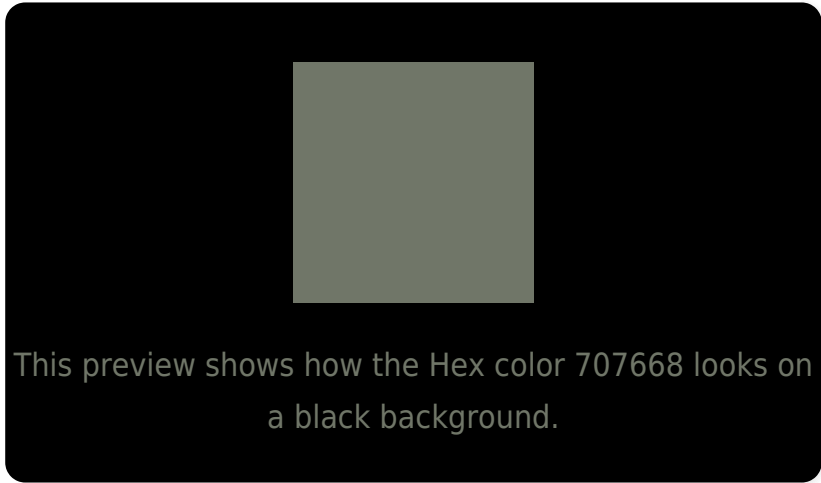
Large Text (above 18pt) WCAG AA ✓ Pass

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

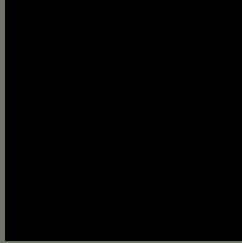
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 707668 Background



This preview shows how black text looks on a background with the Hex color 707668.



This preview shows how white text looks on a background with the Hex color 707668.

# 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**


707668

**Protanopia**

797367

**Deuteranopia**

837069



**Tritanopia**  
73737C

# Trichromacy



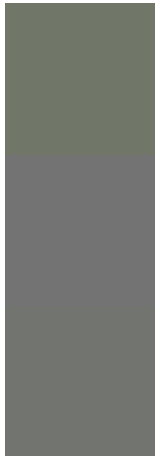
**Original Color**  
707668

**Protanomaly**  
767467

**Deuteranomaly**  
7C7269

**Tritanomaly**  
727475

# Monochromacy



**Original Color**  
707668

**Achromatopsia**  
737373

**Achromatomaly**  
72746F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 707668 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 #707668 looks like.

```
.text, #text, p{  
    color:#707668  
}
```

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 #707668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #707668
}
```

## Border

The CSS property to change the border of an element to Hex 707668 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
#707668 }
```

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

```
.border{ border-color:#707668 }
```

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

Here you see how a box with a 4 pixel #707668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #707668; -webkit-box-shadow:4px 4px  
4px 4px #707668; box-shadow:4px 4px 4px  
4px #707668 }
```

# Background

The CSS property to change the background color of an element to Hex 707668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#707668 }
```

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

```
.background{ background-color:#707668 }
```

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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