

# Converting Colors

Hex(767368)

Have a look what the booklet for  
Hex(767368) contains.

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# Color

**Hex(767368)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	767368
RGB	118, 115, 104
RGB Percent	46%, 45%, 41%
CMY	0.5373, 0.5490, 0.5922
CMYK	0.00, 0.03, 0.12, 0.54
HSL	47°, 6%, 44%
HSV	47°, 12%, 46%
XYZ	16.1006, 17.1125, 15.5511
YIQ	114.6430, 5.3190, -2.7850

# Conversions

## Conversions Part 2

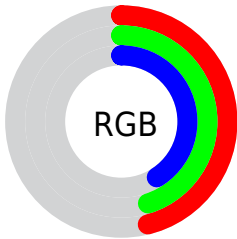
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 118, 104
Decimal	7762792
CIE Lab	48.40, -0.94, 6.49
CIE LCh	48, 6.561, 98.217
Yxy	17.1125, 0.3302, 0.3509
Android (android.graphics.Color)	4285952872 (0xFF767368)
YUV	114.6430, -5.2470, 2.9441
Hunter-Lab	41.3673, -2.9183, 6.6682

# Details

The Hex color **767368** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **686B76**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **AAA79B**, and **464339** is the 20% darker color. If you saturate the color by 10%, you get **76705C**, and if you desaturate by 10%, it is **767674**.

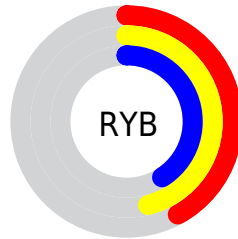
# Distribution



Red (46%)

Green (45%)

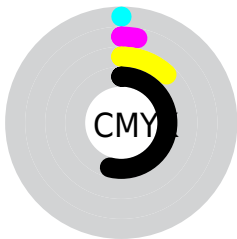
Blue (41%)



Red (42%)

Yellow (46%)

Blue (41%)

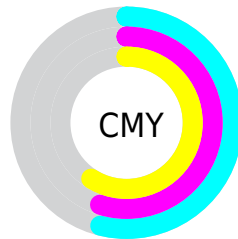


Cyan (0%)

Magenta (3%)

Yellow (12%)

Black (54%)



Cyan (54%)

Magenta (55%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 767368 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 767368 by changing the saturation by 10% instead.





767368



767368

FFFFFF



5D5A50



AAA79B



464339



C5C2B6



2F2D24



E1DED2



1B180E



FEFAEE



000000



767368



767368



76705C



767674



766E50



767880



766B45



767B8B

■ 766939

■ 767D97

■ 76662D

■ 7680A3

■ 766421

■ 7682AF

■ 766115

■ 7685BB

■ 765F0A

■ 7687C6

■ 765D00

■ 768AD2

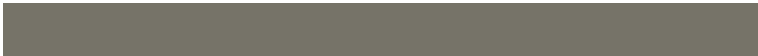
# Harmonies

## Analogous

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



7B7169



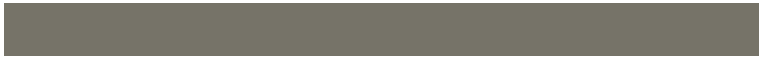
767368



70756A

# Triad

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



767368



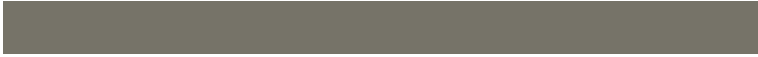
66767A



7C7077

# Complementary

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



767368



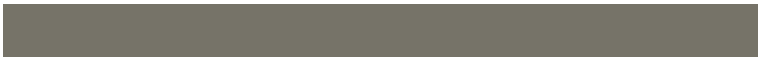
686B76

# 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.



76717C



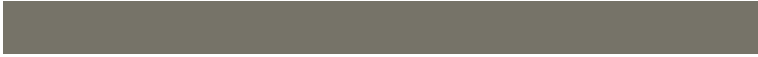
767368



69757D

# Square

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



767368



667674



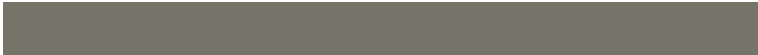
6F737E



7F6F72

# Rectangle

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



767368



6B766D



6F737E

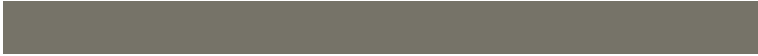


7A7079



# Sweetspot

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



767368



999893



76686B



4D4C49



CCCCCC



4D4D4D



# Same Dimension

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



767368



999484



727668



3B3935



7A6000



FAC400



# Inverse Universe

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



686B76



848899



6C6876



35363B



001A7A

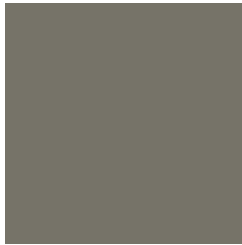


0036FA



# Previews

## White Background



This preview shows how the Hex color 767368 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

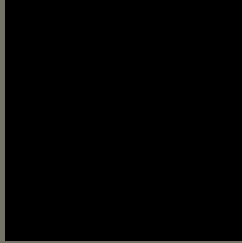
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

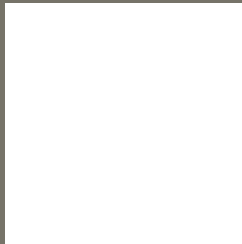
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 767368 Background



This preview shows how black text looks on a background with the Hex color 767368.



This preview shows how white text looks on a background with the Hex color 767368.

# 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**

767368

**Protanopia**

787368

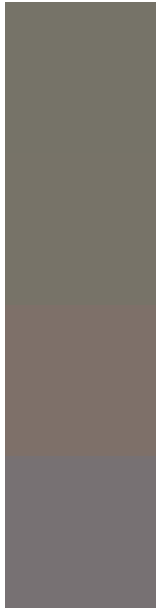
**Deuteranopia**

826F69



**Tritanopia**  
787079

# Trichromacy



**Original Color**  
767368

**Protanomaly**  
777368

**Deuteranomaly**  
7E7069

**Tritanomaly**  
777173

# Monochromacy



**Original Color**  
767368

**Achromatopsia**  
737373

**Achromatomaly**  
74736F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 767368 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 #767368 looks like.

```
.text, #text, p{  
    color:#767368  
}
```

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 #767368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767368
}
```

## Border

The CSS property to change the border of an element to Hex 767368 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
#767368 }
```

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

```
.border{ border-color:#767368 }
```

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

Here you see how a box with a 4 pixel #767368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767368; -webkit-box-shadow:4px 4px  
4px 4px #767368; box-shadow:4px 4px 4px  
4px #767368 }
```

# Background

The CSS property to change the background color of an element to Hex 767368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767368 }
```

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

```
.background{ background-color:#767368 }
```

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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