

# Converting Colors

Hex(736768)

Have a look what the booklet for  
Hex(736768) contains.

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# Color

**Hex(736768)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	736768
RGB	115, 103, 104
RGB Percent	45%, 40%, 41%
CMY	0.5490, 0.5961, 0.5922
CMYK	0.00, 0.10, 0.10, 0.55
HSL	355°, 6%, 43%
HSV	355°, 10%, 45%
XYZ	14.4192, 14.3448, 15.1056
YIQ	106.7020, 6.8310, 2.8550

# Conversions

## Conversions Part 2

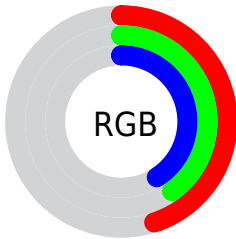
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 103, 104
Decimal	7563112
CIE Lab	44.72, 4.93, 1.16
CIE LCh	45, 5.064, 13.245
Yxy	14.3448, 0.3287, 0.3270
Android (android.graphics.Color)	4285753192 (0xFF736768)
YUV	106.7020, -1.3321, 7.2773
Hunter-Lab	37.8745, 1.6761, 2.8655

# Details

The Hex color **736768** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **677372**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A79A9B**, and **433839** is the 20% darker color. If you saturate the color by 10%, you get **735C5D**, and if you desaturate by 10%, it is **737373**.

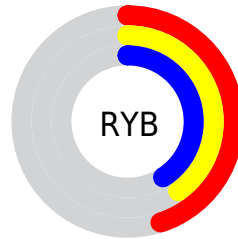
# Distribution



Red (45%)

Green (40%)

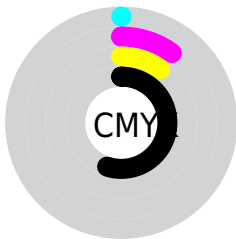
Blue (41%)



Red (45%)

Yellow (40%)

Blue (41%)

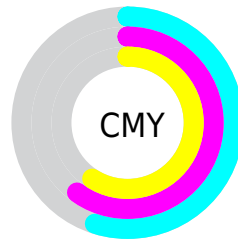


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (55%)



Cyan (55%)

Magenta (60%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 736768 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 736768 by changing the saturation by 10% instead.





736768



736768

FFFFFF



5A4F50



A79A9B



433839



C2B5B6



2D2324



DED0D1



190D0E



FBEDEE



000000



736768



736768



735C5D



737373



735053



737E7D



734448



738A88

■ 73393E

■ 739592

■ 732D33

■ 73A19D

■ 732229

■ 73ACA7

■ 73161E

■ 73B8B2

■ 730B14

■ 73C3BC

■ 73000A

■ 73CFC7

# Harmonies

## Analogous

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



71676C



736768



736864

# Triad

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



736768



666B64



636B72

# Complementary

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



736768



677372

# 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.



606C6F



736768



626C67

# Square

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



736768



6B6A62



606C6C



686972

# Rectangle

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



736768



716862



606C6C



626B71



# Sweetspot

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



736768



969292



726773



4D494A



CCCCCC



4D4D4D



# Same Dimension

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



736768



968385



736C67



3B3535



7A000A



FA0015



# Inverse Universe

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



736768



968385



676E73



3B3535



7A000A



FA0015



# Previews

## White Background



This preview shows how the Hex color 736768 looks on a white background.

## Color Contrast Check

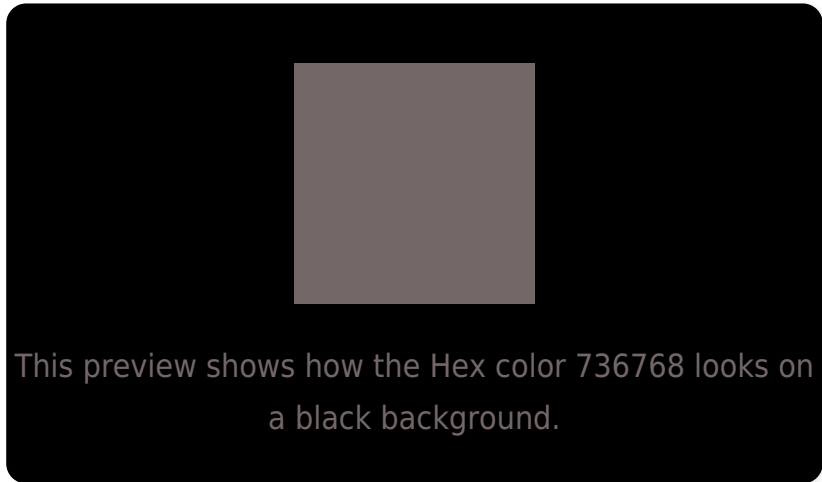
Large Text (above 18pt) WCAG AA ✓ Pass

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

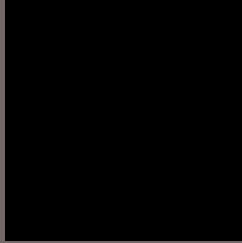
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 736768 Background



This preview shows how black text looks on a background with the Hex color 736768.

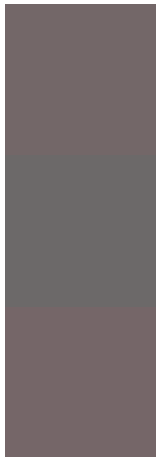


This preview shows how white text looks on a background with the Hex color 736768.

# 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**  
736768

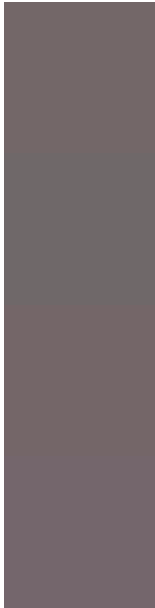
**Protanopia**  
6C6969

**Deuteranopia**  
756668



**Tritanopia**  
74666E

# Trichromacy



**Original Color**

736768

**Protanomaly**

6F6869

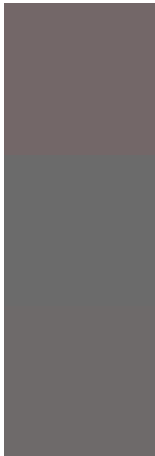
**Deuteranomaly**

746668

**Tritanomaly**

74666C

# Monochromacy



**Original Color**

736768

**Achromatopsia**

6B6B6B

**Achromatomaly**

6E6A6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 736768 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 #736768 looks like.

```
.text, #text, p{  
    color:#736768  
}
```

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 #736768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736768
}
```

## Border

The CSS property to change the border of an element to Hex 736768 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
#736768 }
```

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

```
.border{ border-color:#736768 }
```

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

Here you see how a box with a 4 pixel #736768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736768; -webkit-box-shadow:4px 4px  
4px 4px #736768; box-shadow:4px 4px 4px  
4px #736768 }
```

# Background

The CSS property to change the background color of an element to Hex 736768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736768 }
```

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

```
.background{ background-color:#736768 }
```

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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