

# Converting Colors

Hex(736969)

Have a look what the booklet for  
Hex(736969) contains.

<b>Hex(736969)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(736969)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	736969
RGB	115, 105, 105
RGB Percent	45%, 41%, 41%
CMY	0.5490, 0.5882, 0.5882
CMYK	0.00, 0.09, 0.09, 0.55
HSL	0°, 5%, 43%
HSV	0°, 9%, 45%
XYZ	14.6716, 14.7679, 15.4418
YIQ	107.9900, 5.9600, 2.1200

# Conversions

## Conversions Part 2

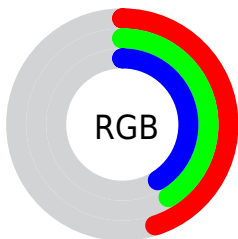
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 105, 105
Decimal	7563625
CIE <sub>Lab</sub>	45.31, 3.93, 1.42
CIE <sub>LCh</sub>	45, 4.175, 19.837
Yxy	14.7679, 0.3269, 0.3290
Android (android.graphics.Color)	4285753705 (0xFF736969)
YUV	107.9900, -1.4741, 6.1478
Hunter-Lab	38.4290, 0.8977, 3.0760

# Details

The Hex color **736969** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **697373**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A79C9C**, and **433A3A** is the 20% darker color. If you saturate the color by 10%, you get **735E5E**, and if you desaturate by 10%, it is **737575**.

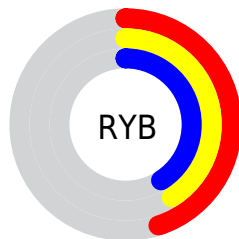
# Distribution



Red (45%)

Green (41%)

Blue (41%)



Red (45%)

Yellow (41%)

Blue (41%)

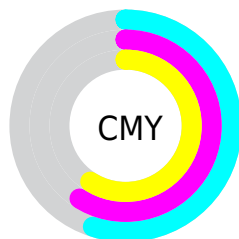


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (55%)



Cyan (55%)

Magenta (59%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 736969 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 736969 by changing the saturation by 10% instead.



■ 736969

■ 736969

FFFFFF

■ 5A5151

■ A79C9C

■ 433A3A

■ C2B7B7

■ 2D2424

■ DED3D3

■ 190F0F

■ FBEBEF

■ 000000

■ 736969

■ 736969

■ 735E5E

■ 737575

■ 735252

■ 738080

■ 734747

■ 738B8B

 733B3B

 739797

 732F2F

 73A3A3

 732424

 73AEAE

 731818

 73BABA

 730D0D

 73C5C5

 730101

 73D1D1

# Harmonies

## Analogous

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



72696D



736969



726A66

# Triad

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



736969



686D67



666C72

# Complementary

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



736969



697373

# 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.



646D70



736969



646D6A

# Square

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



736969



6C6C65



636D6D



6B6B72

# Rectangle

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



736969



716A65



636D6D



656C72



# Sweetspot

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



736969



969292



736973



4D4949



CCCCCC



4D4D4D



# Same Dimension

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



736969



968787



736E69



3B3535



7A0000



FA0000



# Inverse Universe

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



697373



879696



696E73



353B3B



007A7A



00FAFA



# Previews

## White Background



This preview shows how the Hex color 736969 looks on a white background.

## Color Contrast Check

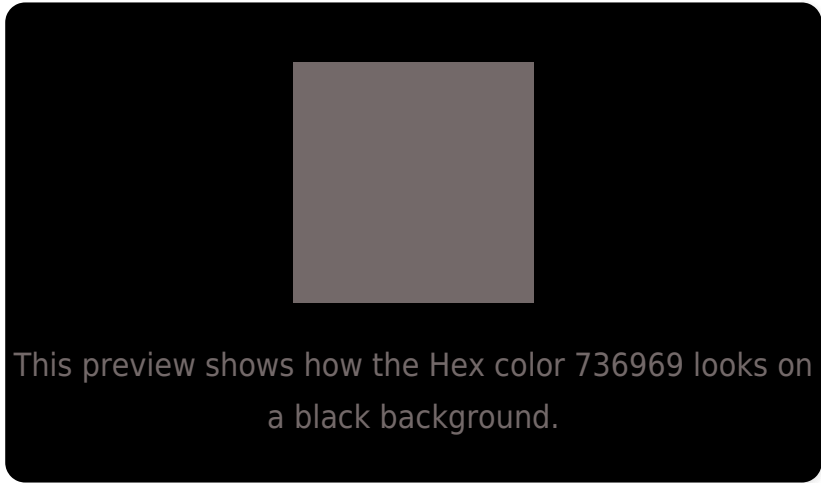
Large Text (above 18pt) WCAG AA ✓ Pass

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

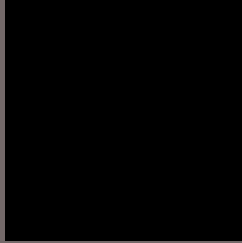
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 736969 Background



This preview shows how black text looks on a background with the Hex color 736969.



This preview shows how white text looks on a background with the Hex color 736969.

# 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**

736969

**Protanopia**

6D6B6A

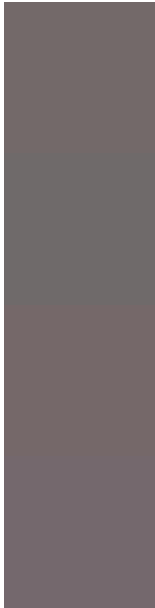
**Deuteranopia**

766869



**Tritanopia**  
746870

# Trichromacy



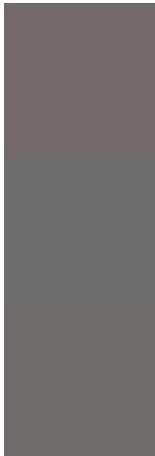
**Original Color**  
736969

**Protanomaly**  
6F6A6A

**Deuteranomaly**  
756869

**Tritanomaly**  
74686D

# Monochromacy



**Original Color**  
736969

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
6F6B6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 736969 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 #736969 looks like.

```
.text, #text, p{  
    color:#736969  
}
```

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 #736969 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736969
}
```

## Border

The CSS property to change the border of an element to Hex 736969 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
#736969 }
```

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

```
.border{ border-color:#736969 }
```

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

Here you see how a box with a 4 pixel #736969 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736969; -webkit-box-shadow:4px 4px  
4px 4px #736969; box-shadow:4px 4px 4px  
4px #736969 }
```

# Background

The CSS property to change the background color of an element to Hex 736969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736969 }
```

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

```
.background{ background-color:#736969 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor