

Converting Colors

Hex(736669)

Have a look what the booklet for
Hex(736669) contains.

Hex(736669)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(736669)

Conversions

Conversions Part 1

Format	Color
Hex	736669
RGB	115, 102, 105
RGB Percent	45%, 40%, 41%
CMY	0.5490, 0.6000, 0.5882
CMYK	0.00, 0.11, 0.09, 0.55
HSL	346°, 6%, 43%
HSV	346°, 11%, 45%
XYZ	14.3714, 14.1675, 15.3417
YIQ	106.2290, 6.7850, 3.6890

Conversions

Conversions Part 2

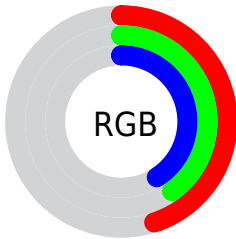
Format	Color
R_{YB}	115, 102, 105
Decimal	7562857
CIE Lab	44.47, 5.72, 0.19
CIE LCh	44, 5.720, 1.905
Yxy	14.1675, 0.3275, 0.3229
Android (android.graphics.Color)	4285752937 (0xFF736669)
YUV	106.2290, -0.6059, 7.6922
Hunter-Lab	37.6397, 2.2844, 2.1815

Details

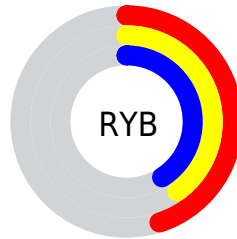
The Hex color **736669** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **667370**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A7999C**, and **43373A** is the 20% darker color. If you saturate the color by 10%, you get **735B60**, and if you desaturate by 10%, it is **737272**.

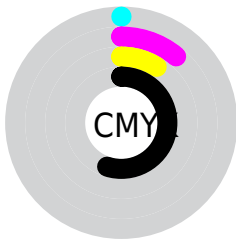
Distribution



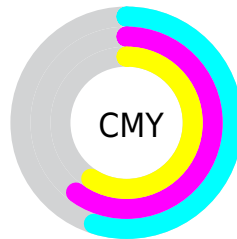
- Red (45%)
- Green (40%)
- Blue (41%)



- Red (45%)
- Yellow (40%)
- Blue (41%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (55%)



- Cyan (55%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 736669 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 736669 by changing the saturation by 10% instead.

736669

736669

FFFFFF

5A4E51

A7999C

43373A

C2B4B7

2D2224

DECFD3

190C0F

FBEBEF

000000

736669

736669

735B60

737272

734F57

737D7B

73444E

738984

■ 733846

■ 73948C

■ 732D3D

■ 73A095

■ 732134

■ 73AB9E

■ 73162B

■ 73B7A7

■ 730A22

■ 73C2B0

■ 73001B

■ 73CEB9

Harmonies

Analogous

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



70676E



736669



736664

Triad

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



736669



676A61



606B71

Complementary

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



736669



667370

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.



5E6C6E



736669



626C65

Square

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



736669



6D6960



5E6C69



656973

Rectangle

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



736669



726762



5E6C69



5F6B70

Sweetspot

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



736669



969293



706673



4D494A



CCCCCC



4D4D4D

Same Dimension

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



736669



968186



736966



3B3536



7A001C



FA003A

Inverse Universe

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



736669



968186



667073



3B3536



7A001C



FA003A

Previews

White Background



This preview shows how the Hex color 736669 looks on a white background.

Color Contrast Check

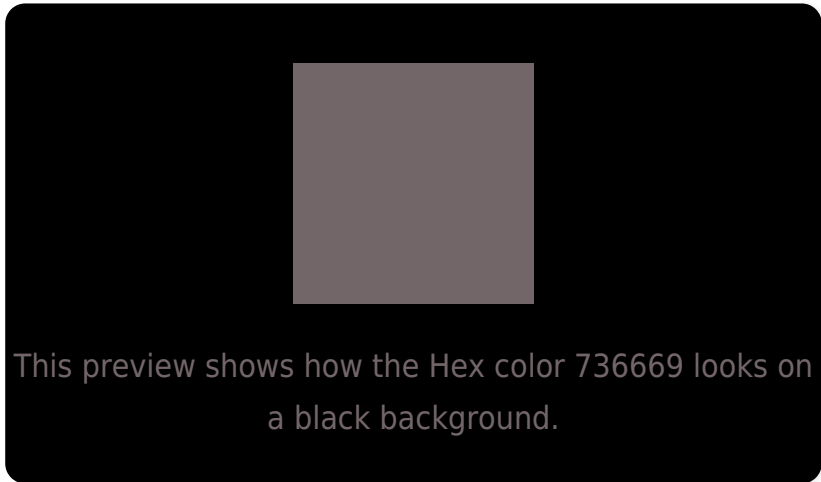
Large Text (above 18pt) WCAG AA ✓ Pass

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

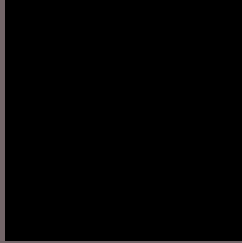
Any Text WCAG AA × Fail

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 736669 Background



This preview shows how black text looks on a background with the Hex color 736669.

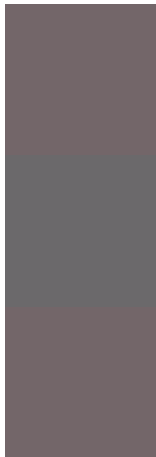


This preview shows how white text looks on a background with the Hex color 736669.

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
736669

Protanopia
6B696B

Deuteranopia
736669



Tritanopia
74656D

Trichromacy



Original Color

736669

Protanomaly

6E686A

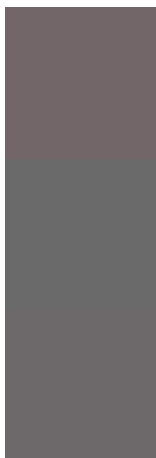
Deuteranomaly

736669

Tritanomaly

74656C

Monochromacy



Original Color

736669

Achromatopsia

6A6A6A

Achromatomaly

6D696A

CSS Examples

Text

The CSS property to change the color of the text to Hex 736669 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 #736669 looks like.

```
.text, #text, p{  
    color:#736669  
}
```

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 #736669 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736669
}
```

Border

The CSS property to change the border of an element to Hex 736669 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
#736669 }
```

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

```
.border{ border-color:#736669 }
```

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

Here you see how a box with a 4 pixel #736669 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736669; -webkit-box-shadow:4px 4px  
4px 4px #736669; box-shadow:4px 4px 4px  
4px #736669 }
```

Background

The CSS property to change the background color of an element to Hex 736669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736669 }
```

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

```
.background{ background-color:#736669 }
```

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