

Converting Colors

Hex(736B68)

Have a look what the booklet for
Hex(736B68) contains.

Hex(736B68)	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(736B68)

Conversions

Conversions Part 1

Format	Color
Hex	736B68
RGB	115, 107, 104
RGB Percent	45%, 42%, 41%
CMY	0.5490, 0.5804, 0.5922
CMYK	0.00, 0.07, 0.10, 0.55
HSL	16°, 5%, 43%
HSV	16°, 10%, 45%
XYZ	14.8266, 15.1597, 15.2414
YIQ	109.0500, 5.7310, 0.7630

Conversions

Conversions Part 2

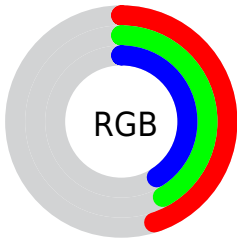
Format	Color
RYB	115, 108, 104
Decimal	7564136
CIELab	45.85, 2.55, 2.80
CIELCh	46, 3.786, 47.620
Yxy	15.1597, 0.3278, 0.3352
Android (android.graphics.Color)	4285754216 (0xFF736B68)
YUV	109.0500, -2.4896, 5.2182
Hunter-Lab	38.9355, -0.1643, 4.0456

Details

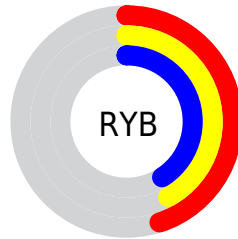
The Hex color **736B68** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **687073**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A79E9B**, and **433C39** is the 20% darker color. If you saturate the color by 10%, you get **73635D**, and if you desaturate by 10%, it is **737374**.

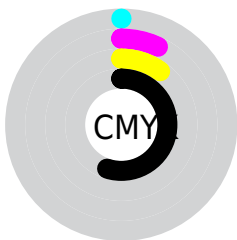
Distribution



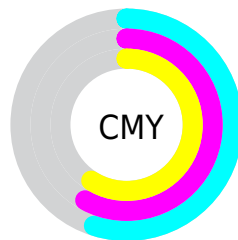
- Red (45%)
- Green (42%)
- Blue (41%)



- Red (45%)
- Yellow (42%)
- Blue (41%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (55%)



- Cyan (55%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 736B68 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 736B68 by changing the saturation by 10% instead.

■ 736B68

■ 736B68

FFFFFF

■ 5A5350

■ A79E9B

■ 433C39

■ C2B9B6

■ 2D2624

■ DED5D1

■ 19110E

■ FBF1EE

■ 000000

■ 736B68

■ 736B68

■ 73635D

■ 737374

■ 735A51

■ 737C7F

■ 735246

■ 73848B

■ 734A3A

■ 738C96

■ 73412F

■ 7395A2

■ 733923

■ 739DAD

■ 733018

■ 73A6B9

■ 73280C

■ 73AEC4

■ 732001

■ 73B6D0

Harmonies

Analogous

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



746B6B



736B68



716C66

Triad

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



736B68



676E6B



6C6C73

Complementary

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



736B68



687073

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.



686D73



736B68



656E6E

Square

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



736B68



6A6E68



666E71



6F6B71

Rectangle

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



736B68



6E6D66



666E71



6A6D73

Sweetspot

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



736B68



969392



736870



4D4A49



CCCCCC



4D4D4D

Same Dimension

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



736B68



968A86



737068



3B3635



7A2100



FA4400

Inverse Universe

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



687073



869296



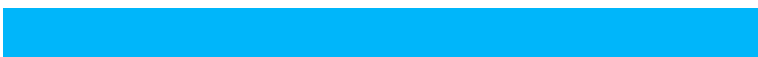
686B73



35393B



00597A



00B6FA

Previews

White Background



This preview shows how the Hex color 736B68 looks on a white background.

Color Contrast Check

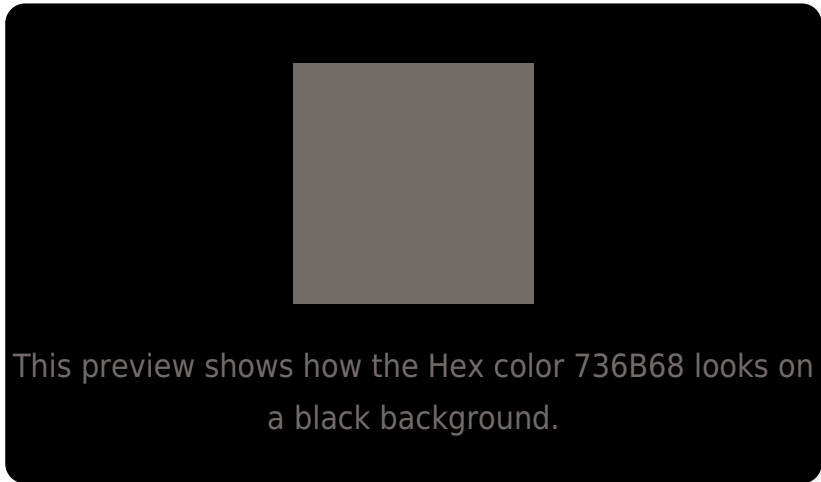
Large Text (above 18pt) WCAG AA ✓ Pass

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

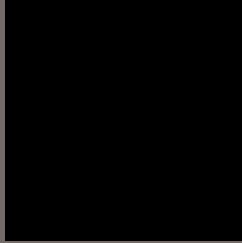
Any Text WCAG AA × Fail

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 736B68 Background



This preview shows how black text looks on a background with the Hex color 736B68.



This preview shows how white text looks on a background with the Hex color 736B68.

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
736B68

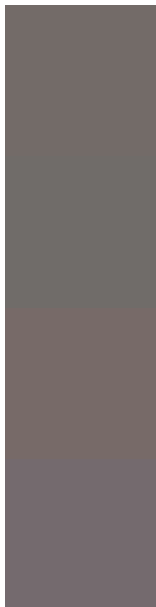
Protanopia
6F6C69

Deuteranopia
796968



Tritanopia
746A72

Trichromacy



Original Color

736B68

Protanomaly

706C69

Deuteranomaly

776A68

Tritanomaly

746A6E

Monochromacy



Original Color

736B68

Achromatopsia

6D6D6D

Achromatomaly

6F6C6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 736B68 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 #736B68 looks like.

```
.text, #text, p{  
    color:#736B68  
}
```

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 #736B68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736B68
}
```

Border

The CSS property to change the border of an element to Hex 736B68 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
#736B68 }
```

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

```
.border{ border-color:#736B68 }
```

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

Here you see how a box with a 4 pixel #736B68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736B68; -webkit-box-shadow:4px 4px  
4px 4px #736B68; box-shadow:4px 4px 4px  
4px #736B68 }
```

Background

The CSS property to change the background color of an element to Hex 736B68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736B68 }
```

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

```
.background{ background-color:#736B68 }
```

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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