

Converting Colors

Hex(736E6B)

Have a look what the booklet for
Hex(736E6B) contains.

Hex(736E6B)	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(736E6B)

Conversions

Conversions Part 1

Format	Color
Hex	736E6B
RGB	115, 110, 107
RGB Percent	45%, 43%, 42%
CMY	0.5490, 0.5686, 0.5804
CMYK	0.00, 0.04, 0.07, 0.55
HSL	23°, 4%, 44%
HSV	23°, 7%, 45%
XYZ	15.3000, 15.8582, 16.1645
YIQ	111.1530, 3.9430, 0.1270

Conversions

Conversions Part 2

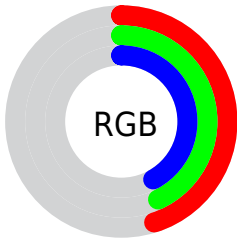
Format	Color
RYB	115, 112, 107
Decimal	7564907
CIELab	46.79, 1.35, 2.35
CIElCh	47, 2.716, 60.116
Yxy	15.8582, 0.3233, 0.3351
Android (android.graphics.Color)	4285754987 (0xFF736E6B)
YUV	111.1530, -2.0474, 3.3738
Hunter-Lab	39.8224, -1.1084, 3.8090

Details

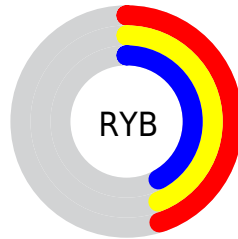
The Hex color **736E6B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B7073**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A7A29E**, and **433F3C** is the 20% darker color. If you saturate the color by 10%, you get **736760**, and if you desaturate by 10%, it is **737577**.

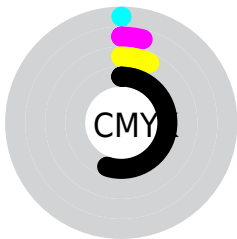
Distribution



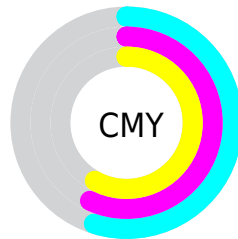
- Red (45%)
- Green (43%)
- Blue (42%)



- Red (45%)
- Yellow (44%)
- Blue (42%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (55%)



- Cyan (55%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 736E6B 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 736E6B by changing the saturation by 10% instead.



736E6B



736E6B

FFFFFF



5A5653



A7A29E



433F3C



C2BDB9



2D2926



DED8D5



181411



FBF5F1



000000



736E6B



736E6B



736760



737577



736054



737C82



735849



73848E

■ 73513D

■ 738B99

■ 734A31

■ 7392A5

■ 734326

■ 7399B0

■ 733C1B

■ 73A0BC

■ 73350F

■ 73A7C7

■ 732D03

■ 73AFD3

Harmonies

Analogous

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



746E6D



736E6B



716F6A

Triad

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



736E6B



6A706F



6F6E73

Complementary

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



736E6B



6B7073

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.



6D6F73



736E6B



697071

Square

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



736E6B



6C706D



6A7073



726E71

Rectangle

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



736E6B



6F6F6B



6A7073



6E6F73

Sweetspot

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



736E6B



969593



736B70



4D4C4B



CCCCCC



4D4D4D

Same Dimension

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



736E6B



968F8A



73726B



3B3735



7A2E00



FA5E00

Inverse Universe

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



6B7073



8A9296



6B6C73



35383B



004C7A



009CFA

Previews

White Background



This preview shows how the Hex color 736E6B looks on a white background.

Color Contrast Check

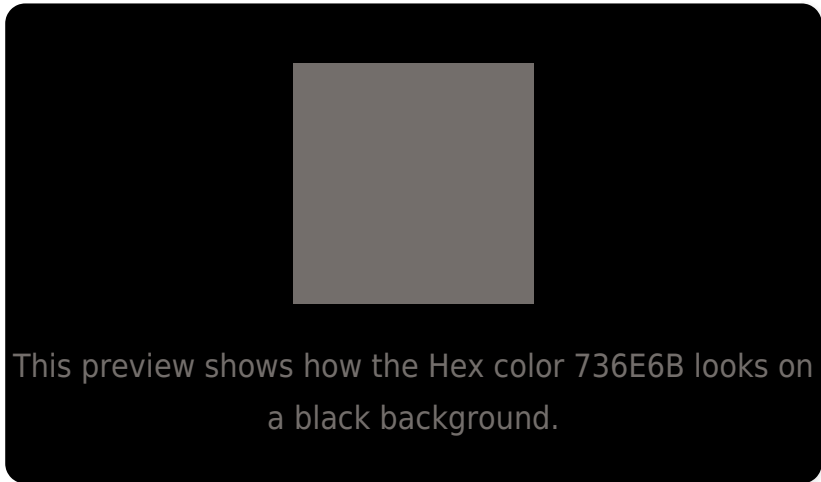
Large Text (above 18pt) WCAG AA ✓ Pass

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

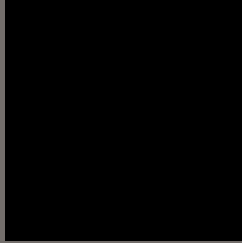
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

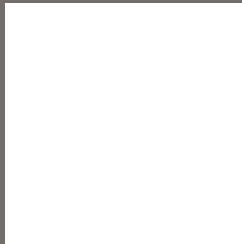
Any Text WCAG AAA × Fail

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

Hex 736E6B Background



This preview shows how black text looks on a background with the Hex color 736E6B.



This preview shows how white text looks on a background with the Hex color 736E6B.

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


736E6B

Protanopia

726E6B

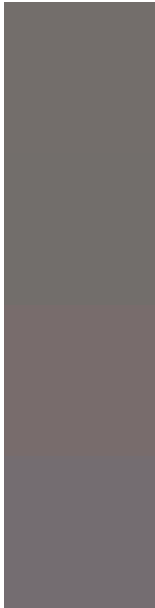
Deuteranopia

7B6B6C



Tritanopia
746C75

Trichromacy



Original Color

736E6B

Protanomaly

726E6B

Deuteranomaly

786C6C

Tritanomaly

746D71

Monochromacy



Original Color

736E6B

Achromatopsia

6F6F6F

Achromatomaly

706F6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 736E6B 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 #736E6B looks like.

```
.text, #text, p{  
    color:#736E6B  
}
```

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 #736E6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736E6B
}
```

Border

The CSS property to change the border of an element to Hex 736E6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

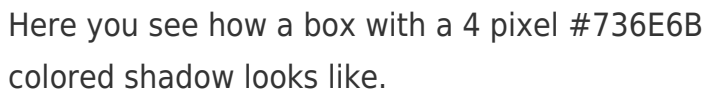
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#736E6B }
```

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

```
.border{ border-color:#736E6B }
```

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



Here you see how a box with a 4 pixel #736E6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736E6B; -webkit-box-shadow:4px 4px  
4px 4px #736E6B; box-shadow:4px 4px 4px  
4px #736E6B }
```

Background

The CSS property to change the background color of an element to Hex 736E6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736E6B }
```

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

```
.background{ background-color:#736E6B }
```

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