

Converting Colors

Hex(737068)

Have a look what the booklet for
Hex(737068) contains.

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Color

Hex(737068)

Conversions

Conversions Part 1

Format	Color
Hex	737068
RGB	115, 112, 104
RGB Percent	45%, 44%, 41%
CMY	0.5490, 0.5608, 0.5922
CMYK	0.00, 0.03, 0.10, 0.55
HSL	44°, 5%, 43%
HSV	44°, 10%, 45%
XYZ	15.3631, 16.2327, 15.4202
YIQ	111.9850, 4.3560, -1.8520

Conversions

Conversions Part 2

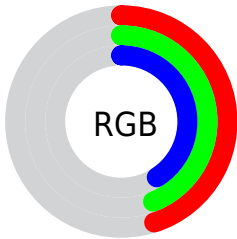
Format	Color
R_{YB}	108, 115, 104
Decimal	7565416
CIE Lab	47.28, -0.39, 4.85
CIE LCh	47, 4.867, 94.560
Yxy	16.2327, 0.3268, 0.3453
Android (android.graphics.Color)	4285755496 (0xFF737068)
YUV	111.9850, -3.9366, 2.6442
Hunter-Lab	40.2898, -2.4424, 5.5106

Details

The Hex color **737068** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **686B73**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A7A49B**, and **434039** is the 20% darker color. If you saturate the color by 10%, you get **736D5D**, and if you desaturate by 10%, it is **737374**.

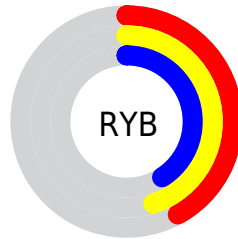
Distribution



Red (45%)

Green (44%)

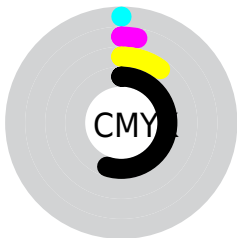
Blue (41%)



Red (42%)

Yellow (45%)

Blue (41%)

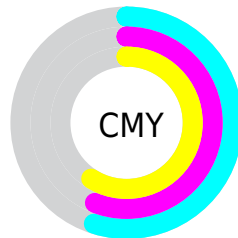


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (55%)



Cyan (55%)

Magenta (56%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 737068 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 737068 by changing the saturation by 10% instead.



737068



737068

FFFFFF



5A5850



A7A49B



434039



C2BFB6



2D2A24



DEDBD1



19160E



FBF7EE



000000



737068



737068



736D5D



737374



736A51



73767F



736746



73798B

■ 73633A

■ 737D96

■ 73602F

■ 7380A2

■ 735D23

■ 7383AD

■ 735A18

■ 7386B9

■ 73570C

■ 7389C4

■ 735401

■ 738CD0

Harmonies

Analogous

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



776F69



737068



6E7169

Triad

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



737068



667275



766E74

Complementary

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



737068



686B73

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.



726F77



737068



687177

Square

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



737068



677371



6D7078



796D70

Rectangle

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



737068



6B726B



6D7078



756E75

Sweetspot

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



737068



969592



73686B



4D4C49



CCCCCC



4D4D4D

Same Dimension

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



737068



969286



717368



3B3935



7A5900



FAB600

Inverse Universe

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



686B73



868A96



6A6873



35363B



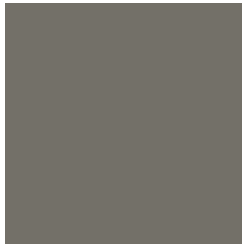
00217A



0044FA

Previews

White Background



This preview shows how the Hex color 737068 looks on a white background.

Color Contrast Check

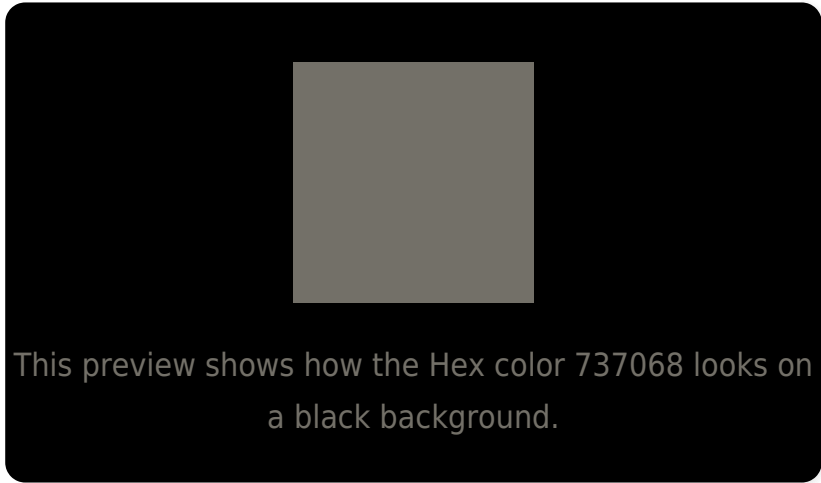
Large Text (above 18pt) WCAG AA ✓ Pass

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

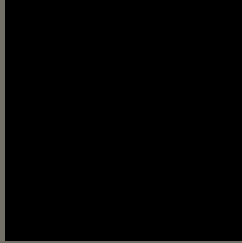
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

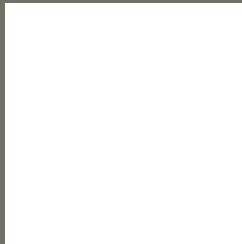
Any Text WCAG AAA × Fail

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

Hex 737068 Background



This preview shows how black text looks on a background with the Hex color 737068.



This preview shows how white text looks on a background with the Hex color 737068.

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

737068

Protanopia

747068

Deuteranopia

7E6C69



Tritanopia
756E76

Trichromacy



Original Color
737068

Protanomaly
747068

Deuteranomaly
7A6D69

Tritanomaly
746F71

Monochromacy



Original Color
737068

Achromatopsia
707070

Achromatomaly
71706D

CSS Examples

Text

The CSS property to change the color of the text to Hex 737068 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 #737068 looks like.

```
.text, #text, p{  
    color:#737068  
}
```

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 #737068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737068
}
```

Border

The CSS property to change the border of an element to Hex 737068 is called "border". The border property can be set on classes, ids or directly on the HTML element.

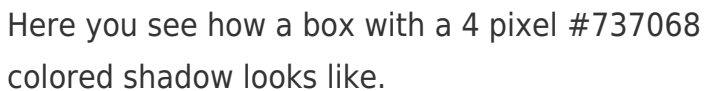
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#737068 }
```

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

```
.border{ border-color:#737068 }
```

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



Here you see how a box with a 4 pixel #737068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737068; -webkit-box-shadow:4px 4px  
4px 4px #737068; box-shadow:4px 4px 4px  
4px #737068 }
```

Background

The CSS property to change the background color of an element to Hex 737068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737068 }
```

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

```
.background{ background-color:#737068 }
```

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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