

# Converting Colors

Hex(737C73)

Have a look what the booklet for  
Hex(737C73) contains.

<b>Hex(737C73)</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(737C73)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	737C73
RGB	115, 124, 115
RGB Percent	45%, 49%, 45%
CMY	0.5490, 0.5137, 0.5490
CMYK	0.07, 0.00, 0.07, 0.51
HSL	120°, 4%, 47%
HSV	120°, 7%, 49%
XYZ	17.3724, 19.2979, 19.0289
YIQ	120.2830, -2.4750, -4.7070

# Conversions

## Conversions Part 2

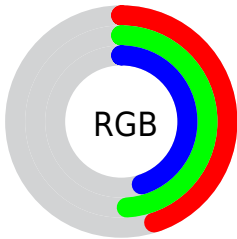
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 124, 124
Decimal	7568499
CIE <sub>Lab</sub>	51.03, -5.18, 3.76
CIE <sub>LCh</sub>	51, 6.403, 144.070
Yxy	19.2979, 0.3119, 0.3465
Android (android.graphics.Color)	4285758579 (0xFF737C73)
YUV	120.2830, -2.6045, -4.6332
Hunter-Lab	43.9294, -6.2866, 5.0680

# Details

The Hex color **737C73** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7C737C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A7B1A7**, and **434B43** is the 20% darker color. If you saturate the color by 10%, you get **677C67**, and if you desaturate by 10%, it is **7F7C7F**.

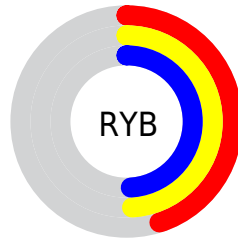
# Distribution



Red (45%)

Green (49%)

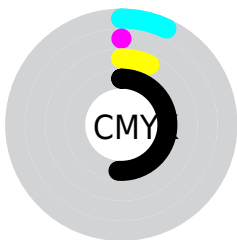
Blue (45%)



Red (45%)

Yellow (49%)

Blue (49%)

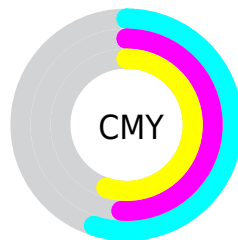


Cyan (7%)

Magenta (0%)

Yellow (7%)

Black (51%)



Cyan (55%)

Magenta (51%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 737C73 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 737C73 by changing the saturation by 10% instead.





737C73



737C73

FFFFFF



5A635A



A7B1A7



434B43



C2CCC2



2D352D



DEE8DE



181F18



FBFFFB



000700



000000



737C73



737C73



677C67



7F7C7F



5A7C5A



8C7C8C

 4E7C4E

 987C98

 417C41

 A57CA5

 357C35

 B17CB1

 297C29

 BD7CBD

 1C7C1C

 CA7CCA

 107C10

 D67CD6

 037C03

 E37CE3

# Harmonies

## Analogous

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



797B70



737C73



6E7D78

# Triad

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



737C73



737A84



867675

# Complementary

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



737C73



7C737C

# 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.



84767B



737C73



797983

# Square

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



737C73



6E7C82



807780



847771

# Rectangle

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



737C73



6C7D7C



807780



857677



# Sweetspot

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



737C73



9DA19D



7C7C73



505250



D1D1D1



525252



# Same Dimension

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



737C73



92A192



737C78



373D37



007D00



00FC00



# Inverse Universe

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



7C737C



A192A1



7C7378



3D373D



7D007D



FC00FC



# Previews

## White Background



This preview shows how the Hex color 737C73 looks on a white background.

## Color Contrast Check

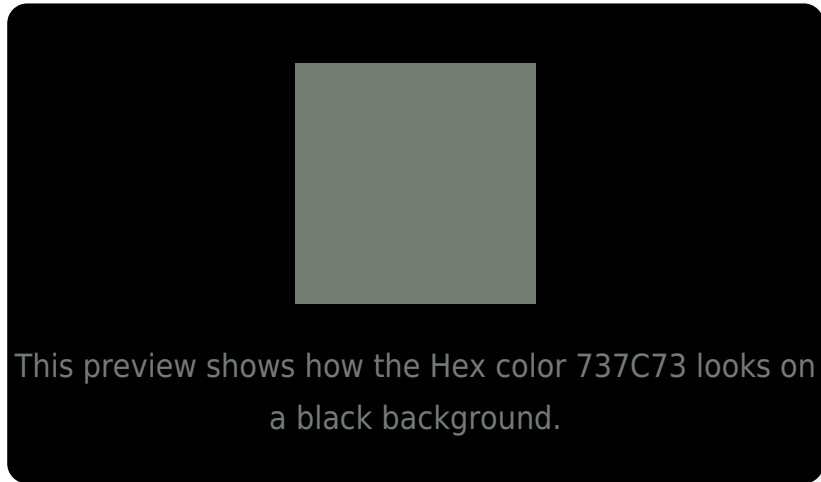
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

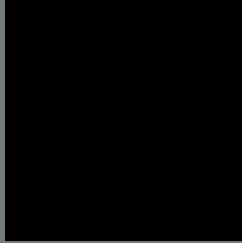
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

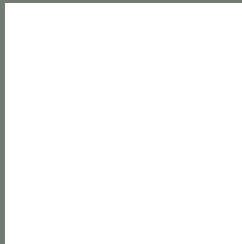
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 737C73 Background



This preview shows how black text looks on a background with the Hex color 737C73.



This preview shows how white text looks on a background with the Hex color 737C73.

# 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**  
737C73

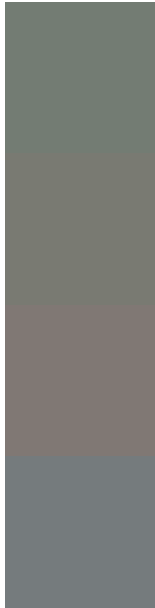
**Protanopia**  
7D7971

**Deuteranopia**  
877574



**Tritanopia**  
767A83

# Trichromacy



**Original Color**  
737C73

**Protanomaly**  
797A72

**Deuteranomaly**  
807874

**Tritanomaly**  
757B7D

# Monochromacy



**Original Color**  
737C73

**Achromatopsia**  
787878

**Achromatomaly**  
767976

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 737C73 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 #737C73 looks like.

```
.text, #text, p{  
    color:#737C73  
}
```

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 #737C73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737C73
}
```

## Border

The CSS property to change the border of an element to Hex 737C73 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
#737C73 }
```

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

```
.border{ border-color:#737C73 }
```

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

Here you see how a box with a 4 pixel #737C73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737C73; -webkit-box-shadow:4px 4px  
4px 4px #737C73; box-shadow:4px 4px 4px  
4px #737C73 }
```

# Background

The CSS property to change the background color of an element to Hex 737C73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737C73 }
```

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

```
.background{ background-color:#737C73 }
```

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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