

Converting Colors

Hex(737E64)

Have a look what the booklet for
Hex(737E64) contains.

Hex(737E64)	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(737E64)

Conversions

Conversions Part 1

Format	Color
Hex	737E64
RGB	115, 126, 100
RGB Percent	45%, 49%, 39%
CMY	0.5490, 0.5059, 0.6078
CMYK	0.09, 0.00, 0.21, 0.51
HSL	85°, 12%, 44%
HSV	85°, 21%, 49%
XYZ	16.8313, 19.4866, 14.9308
YIQ	119.7470, 1.7900, -10.4180

Conversions

Conversions Part 2

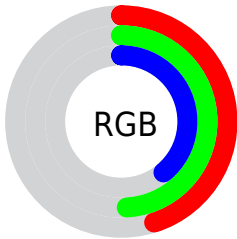
Format	Color
RYB	100, 126, 111
Decimal	7568996
CIELab	51.25, -9.10, 12.82
CIElCh	51, 15.719, 125.375
Yxy	19.4866, 0.3284, 0.3802
Android (android.graphics.Color)	4285759076 (0xFF737E64)
YUV	119.7470, -9.7353, -4.1631
Hunter-Lab	44.1437, -9.1920, 10.8468

Details

The Hex color **737E64** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F647E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A7B397**, and **434D35** is the 20% darker color. If you saturate the color by 10%, you get **6E7E57**, and if you desaturate by 10%, it is **787E71**.

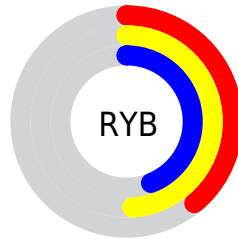
Distribution



Red (45%)

Green (49%)

Blue (39%)



Red (39%)

Yellow (49%)

Blue (44%)

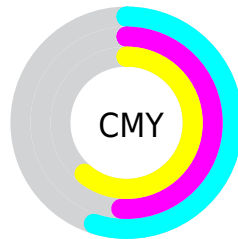


Cyan (9%)

Magenta (0%)

Yellow (21%)

Black (51%)



Cyan (55%)

Magenta (51%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 737E64 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 737E64 by changing the saturation by 10% instead.



737E64



737E64

FFFFFF



5A654C



A7B397



434D35



C2CEB2



2C3620



DEEACD



182109



FBFFE9



000900



000000



737E64



737E64



6E7E57



787E71



687E4B



7E7E7D

■ 637E3E

■ 837E8A

■ 5E7E32

■ 887E96

■ 587E25

■ 8E7EA3

■ 537E18

■ 937EB0

■ 4E7E0C

■ 987EBC

■ 497E00

■ 9E7EC9

■ A37ED5

Harmonies

Analogous

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



827A5F



737E64



64816F

Triad

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



737E64



5E7F92



957178

Complementary

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



737E64



6F647E

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.



8E7286



737E64



6E7A95

Square

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



737E64



558189



807690



95726B

Rectangle

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



737E64



5C8277



807690



94717D

Sweetspot

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



737E64



9FA399



7E6F64



4F524C



D1D1D1



525252

Same Dimension

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



737E64



92A37A



667E64



3D4039



4A8000



000000

Inverse Universe

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



6F647E



8C7AA3



7C647E



3C3940



360080



000000

Previews

White Background



This preview shows how the Hex color 737E64 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

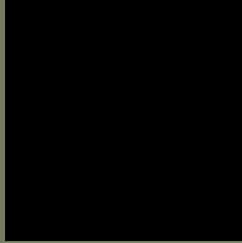
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

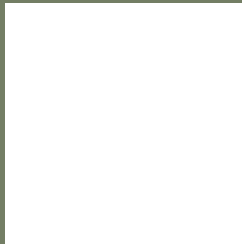
Any Text WCAG AAA × Fail

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

Hex 737E64 Background



This preview shows how black text looks on a background with the Hex color 737E64.



This preview shows how white text looks on a background with the Hex color 737E64.

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


737E64

Protanopia

817A62

Deuteranopia

8D7566



Tritanopia
787A83

Trichromacy



Original Color
737E64

Protanomaly
7C7B63

Deuteranomaly
847865

Tritanomaly
767B78

Monochromacy



Original Color
737E64

Achromatopsia
787878

Achromatomaly
767A71

CSS Examples

Text

The CSS property to change the color of the text to Hex 737E64 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 #737E64 looks like.

```
.text, #text, p{  
    color:#737E64  
}
```

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 #737E64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737E64
}
```

Border

The CSS property to change the border of an element to Hex 737E64 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
#737E64 }
```

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

```
.border{ border-color:#737E64 }
```

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

Here you see how a box with a 4 pixel #737E64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737E64; -webkit-box-shadow:4px 4px  
4px 4px #737E64; box-shadow:4px 4px 4px  
4px #737E64 }
```

Background

The CSS property to change the background color of an element to Hex 737E64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737E64 }
```

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

```
.background{ background-color:#737E64 }
```

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