

Converting Colors

Hex(758C6F)

Have a look what the booklet for
Hex(758C6F) contains.

Hex(758C6F)	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(758C6F)

Conversions

Conversions Part 1

Format	Color
Hex	758C6F
RGB	117, 140, 111
RGB Percent	46%, 55%, 44%
CMY	0.5412, 0.4510, 0.5647
CMYK	0.16, 0.00, 0.21, 0.45
HSL	108°, 12%, 49%
HSV	108°, 21%, 55%
XYZ	19.5834, 23.6858, 18.5786
YIQ	129.8170, -4.3990, -13.8950

Conversions

Conversions Part 2

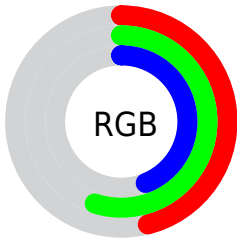
Format	Color
RYB	111, 140, 134
Decimal	7703663
CIELab	55.77, -14.05, 12.81
CIELCh	56, 19.013, 137.623
Yxy	23.6858, 0.3166, 0.3830
Android (android.graphics.Color)	4285893743 (0xFF758C6F)
YUV	129.8170, -9.2768, -11.2405
Hunter-Lab	48.6680, -13.3427, 11.4342

Details

The Hex color **758C6F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **866F8C**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A9C2A3**, and **445A3F** is the 20% darker color. If you saturate the color by 10%, you get **6A8C61**, and if you desaturate by 10%, it is **808C7D**.

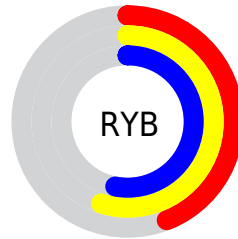
Distribution



Red (46%)

Green (55%)

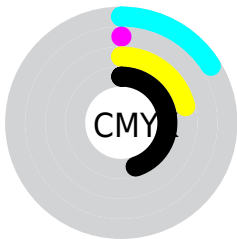
Blue (44%)



Red (44%)

Yellow (55%)

Blue (53%)

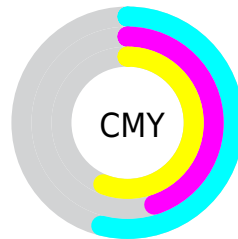


Cyan (16%)

Magenta (0%)

Yellow (21%)

Black (45%)



Cyan (54%)

Magenta (45%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 758C6F 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 758C6F by changing the saturation by 10% instead.

 758C6F

 758C6F

FFFFFF

 5C7257

 A9C2A3

 445A3F

 C5DEBE

 2E4229

 E1FADA

 182C14

 FDFFF6

 001800

 000000

 758C6F

 758C6F

 6A8C61

 808C7D

 5F8C53

 8B8C8B

■ 548C45

■ 968C99

■ 498C37

■ A18CA7

■ 3D8C29

■ AD8CB5

■ 328C1B

■ B88CC3

■ 278C0D

■ C38CD1

■ 1D8C00

■ CE8CDF

■ D98CED

Harmonies

Analogous

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



888866



758C6F



638F7E

Triad

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



758C6F



6989A5



A87A7C

Complementary

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



758C6F



866F8C

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.



A27A8D



758C6F



7F84A5

Square

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



758C6F



598D9D



947E9C



A47D6E

Rectangle

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



758C6F



5B8F89



947E9C



A77A82

Sweetspot

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



758C6F



ACB5AA



8C866F



575C55



DBDBDB



5C5C5C

Same Dimension

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



758C6F



91B588



6F8C77



3F453E



1B8500



010500

Inverse Universe

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



866F8C



AC88B5



8C6F84



433E45



690085



040005

Previews

White Background



This preview shows how the Hex color 758C6F 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

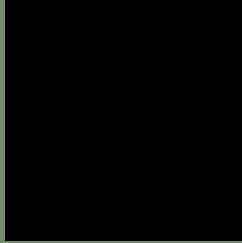
Any Text WCAG AA ✓ Pass

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 758C6F Background



This preview shows how black text looks on a background with the Hex color 758C6F.



This preview shows how white text looks on a background with the Hex color 758C6F.

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



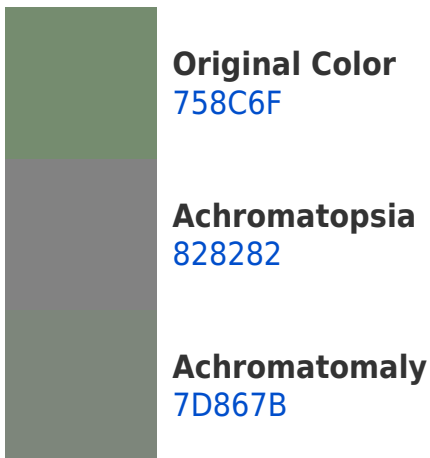


Tritanopia
7B8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 758C6F 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 #758C6F looks like.

```
.text, #text, p{  
    color:#758C6F  
}
```

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 #758C6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758C6F
}
```

Border

The CSS property to change the border of an element to Hex 758C6F 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
#758C6F }
```

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

```
.border{ border-color:#758C6F }
```

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

Here you see how a box with a 4 pixel #758C6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758C6F; -webkit-box-shadow:4px 4px  
4px 4px #758C6F; box-shadow:4px 4px 4px  
4px #758C6F }
```

Background

The CSS property to change the background color of an element to Hex 758C6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758C6F }
```

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

```
.background{ background-color:#758C6F }
```

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