

Converting Colors

Hex(758F7F)

Have a look what the booklet for
Hex(758F7F) contains.

Hex(758F7F)	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(758F7F)

Conversions

Conversions Part 1

Format	Color
Hex	758F7F
RGB	117, 143, 127
RGB Percent	46%, 56%, 50%
CMY	0.5412, 0.4392, 0.5020
CMYK	0.18, 0.00, 0.11, 0.44
HSL	143°, 10%, 51%
HSV	143°, 18%, 56%
XYZ	20.9893, 24.9591, 23.7900
YIQ	133.4020, -10.3600, -10.4880

Conversions

Conversions Part 2

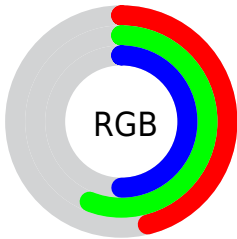
Format	Color
RYB	117, 136, 143
Decimal	7704447
CIELab	57.04, -12.59, 5.46
CIELCh	57, 13.723, 156.537
Yxy	24.9591, 0.3010, 0.3579
Android (android.graphics.Color)	4285894527 (0xFF758F7F)
YUV	133.4020, -3.1562, -14.3846
Hunter-Lab	49.9591, -12.4352, 6.7381

Details

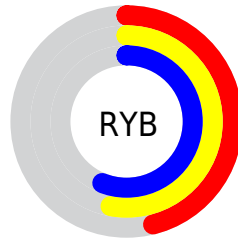
The Hex color **758F7F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8F7585**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **A9C5B4**, and **445D4E** is the 20% darker color. If you saturate the color by 10%, you get **678F76**, and if you desaturate by 10%, it is **838F88**.

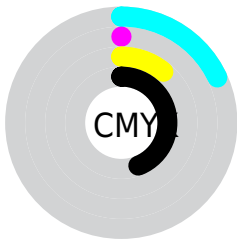
Distribution



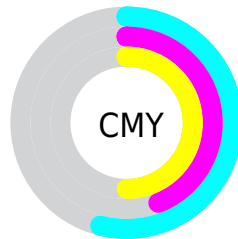
- Red (46%)
- Green (56%)
- Blue (50%)



- Red (46%)
- Yellow (53%)
- Blue (56%)



- Cyan (18%)
- Magenta (0%)
- Yellow (11%)
- Black (44%)



- Cyan (54%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 758F7F 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 758F7F by changing the saturation by 10% instead.



758F7F



758F7F

FFFFFF



5C7566



A9C5B4



445D4E



C5E1CF



2E4537



E1FDEB



182F22



FDFFFF



001A0C



000000



758F7F



758F7F



678F76



838F88



588F6D



928F91

 4A8F65

 A08F99

 3C8F5C


 AE8FA2

 2D8F53

 BC8FAB

 1F8F4A

 CB8FB4

 118F41

 D98FBD

 038F39

 E78FC5

 008F37

 F68FCE

Harmonies

Analogous

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



828D75



758F7F



6C908B

Triad

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



758F7F



7F89A0



A1827B

Complementary

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



758F7F



8F7585

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.



A18187



758F7F



8E859C

Square

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



758F7F



718D9E



9B8293



9B8573

Rectangle

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



758F7F



699093



9B8293



A2817F

Sweetspot

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



758F7F



B1BAB4



858F75



595E5B



DEDEDE



5E5E5E

Same Dimension

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



758F7F



91BAA1



758F8C



404743



008734



000803

Inverse Universe

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



8F7585



BA91AA



8F7578



474045



870053



080005

Previews

White Background



This preview shows how the Hex color 758F7F looks on a white background.

Color Contrast Check

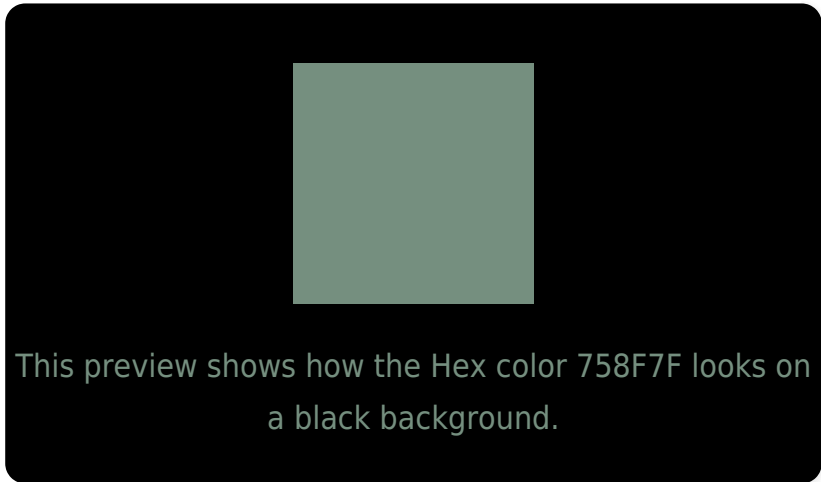
Large Text (above 18pt) WCAG AA ✓ Pass

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

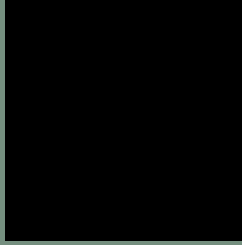
Any Text WCAG AA ✓ Pass

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 758F7F Background



This preview shows how black text looks on a background with the Hex color 758F7F.

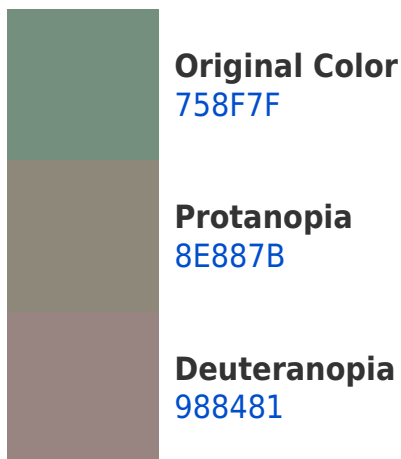


This preview shows how white text looks on a background with the Hex color 758F7F.

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
798C97

Trichromacy



Original Color
758F7F

Protanomaly
858B7C

Deuteranomaly
8B8880

Tritanomaly
788D8E

Monochromacy



Original Color
758F7F

Achromatopsia
858585

Achromatomaly
7F8983

CSS Examples

Text

The CSS property to change the color of the text to Hex 758F7F 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 #758F7F looks like.

```
.text, #text, p{  
    color:#758F7F  
}
```

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 #758F7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758F7F
}
```

Border

The CSS property to change the border of an element to Hex 758F7F 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
#758F7F }
```

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

```
.border{ border-color:#758F7F }
```

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

Here you see how a box with a 4 pixel #758F7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758F7F; -webkit-box-shadow:4px 4px  
4px 4px #758F7F; box-shadow:4px 4px 4px  
4px #758F7F }
```

Background

The CSS property to change the background color of an element to Hex 758F7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758F7F }
```

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

```
.background{ background-color:#758F7F }
```

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