

Converting Colors

Hex(758B7A)

Have a look what the booklet for
Hex(758B7A) contains.

Hex(758B7A)	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(758B7A)

Conversions

Conversions Part 1

Format	Color
Hex	758B7A
RGB	117, 139, 122
RGB Percent	46%, 55%, 48%
CMY	0.5412, 0.4549, 0.5216
CMYK	0.16, 0.00, 0.12, 0.45
HSL	134°, 9%, 50%
HSV	134°, 16%, 55%
XYZ	20.0816, 23.6523, 21.9193
YIQ	130.4840, -7.6550, -9.9510

Conversions

Conversions Part 2

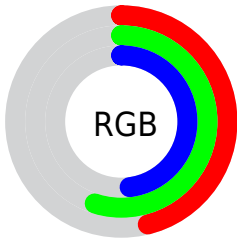
Format	Color
RYB	117, 135, 139
Decimal	7703418
CIELab	55.74, -11.42, 6.47
CIELCh	56, 13.123, 150.456
Yxy	23.6523, 0.3059, 0.3603
Android (android.graphics.Color)	4285893498 (0xFF758B7A)
YUV	130.4840, -4.1826, -11.8255
Hunter-Lab	48.6336, -11.4034, 7.3214

Details

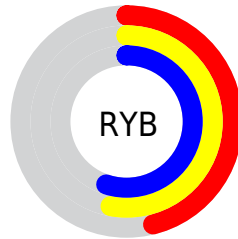
The Hex color **758B7A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8B7586**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A9C1AE**, and **445949** is the 20% darker color. If you saturate the color by 10%, you get **678B6F**, and if you desaturate by 10%, it is **838B85**.

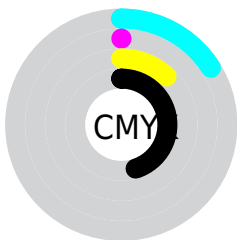
Distribution



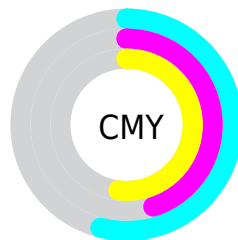
- Red (46%)
- Green (55%)
- Blue (48%)



- Red (46%)
- Yellow (53%)
- Blue (55%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (45%)



- Cyan (54%)
- Magenta (45%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 758B7A 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 758B7A by changing the saturation by 10% instead.

 758B7A

 758B7A

FFFFFF

 5C7261

 A9C1AE

 445949

 C5DCCA

 2E4233

 E1F9E6

 192B1E

FDFFFF

 001805

 000000


 758B7A

 758B7A

 678B6F

 838B85

 598B65

 918B8F

■ 4B8B5A

■ 9F8B9A

■ 3D8B4F

■ AD8BA5

■ 308B44

■ BB8BB0

■ 228B3A

■ C88BBA

■ 148B2F

■ D68BC5

■ 068B24

■ E48BD0

■ 008B20

■ F28BDB

Harmonies

Analogous

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



828872



758B7A



6B8C85

Triad

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



758B7A



79869C



9D7E7A

Complementary

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



758B7A



8B7586

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.



9C7E86



758B7A



888399

Square

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



758B7A



6D8A99



957F91



988172

Rectangle

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



758B7A



688C8D



957F91



9E7E7E

Sweetspot

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



758B7A



ACB5AE



868B75



565C58



DBDBDB



5C5C5C

Same Dimension

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



758B7A



93B59A



758B85



3E4540



00851E



000501

Inverse Universe

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



8B7586



B593AD



8B757B



453E43



850066



050004

Previews

White Background



This preview shows how the Hex color 758B7A looks on a white background.

Color Contrast Check

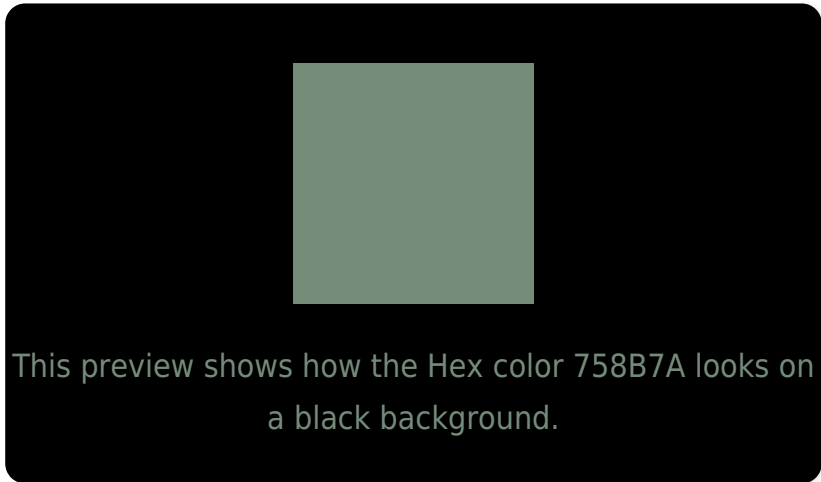
Large Text (above 18pt) WCAG AA ✓ Pass

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

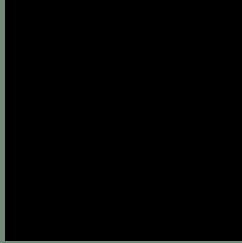
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

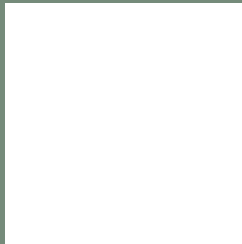
Any Text WCAG AAA × Fail

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

Hex 758B7A Background



This preview shows how black text looks on a background with the Hex color 758B7A.



This preview shows how white text looks on a background with the Hex color 758B7A.

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
798892

Trichromacy



Original Color
758B7A

Protanomaly
838778

Deuteranomaly
8A857B

Tritanomaly
788989

Monochromacy



Original Color
758B7A

Achromatopsia
828282

Achromatomaly
7D857F

CSS Examples

Text

The CSS property to change the color of the text to Hex 758B7A 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 #758B7A looks like.

```
.text, #text, p{  
    color:#758B7A  
}
```

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 #758B7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758B7A
}
```

Border

The CSS property to change the border of an element to Hex 758B7A 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
#758B7A }
```

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

```
.border{ border-color:#758B7A }
```

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

Here you see how a box with a 4 pixel #758B7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758B7A; -webkit-box-shadow:4px 4px  
4px 4px #758B7A; box-shadow:4px 4px 4px  
4px #758B7A }
```

Background

The CSS property to change the background color of an element to Hex 758B7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758B7A }
```

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

```
.background{ background-color:#758B7A }
```

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