

Converting Colors

Hex(7C8E75)

Have a look what the booklet for
Hex(7C8E75) contains.

Hex(7C8E75)	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(7C8E75)

Conversions

Conversions Part 1

Format	Color
Hex	7C8E75
RGB	124, 142, 117
RGB Percent	49%, 56%, 46%
CMY	0.5137, 0.4431, 0.5412
CMYK	0.13, 0.00, 0.18, 0.44
HSL	103°, 10%, 51%
HSV	103°, 18%, 56%
XYZ	21.1961, 24.9154, 20.5216
YIQ	133.7680, -2.7030, -11.5910

Conversions

Conversions Part 2

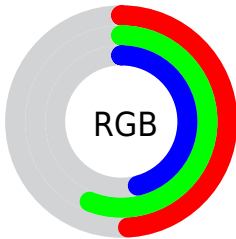
Format	Color
RYB	117, 142, 135
Decimal	8162933
CIELab	56.99, -11.42, 11.18
CIELCh	57, 15.979, 135.596
Yxy	24.9154, 0.3181, 0.3739
Android (android.graphics.Color)	4286353013 (0xFF7C8E75)
YUV	133.7680, -8.2666, -8.5665
Hunter-Lab	49.9154, -11.5536, 10.5650

Details

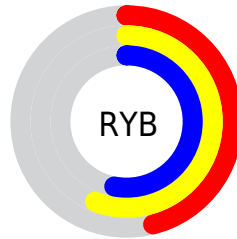
The Hex color **7C8E75** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **87758E**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B1C4A9**, and **4B5C45** is the 20% darker color. If you saturate the color by 10%, you get **728E67**, and if you desaturate by 10%, it is **868E83**.

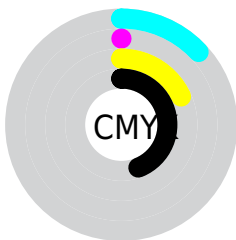
Distribution



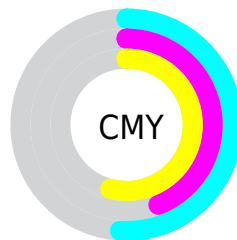
- Red (49%)
- Green (56%)
- Blue (46%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (18%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C8E75 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 7C8E75 by changing the saturation by 10% instead.



7C8E75



7C8E75

FFFFFF



63745C



B1C4A9



4B5C45



CCE0C4



34442E



E8FCE0



1E2E19

FFFFFFD



091A00



000000



7C8E75



7C8E75



728E67



868E83



688E59



908E91

 5D8E4A

 9B8EA0

 538E3C

 A58EAE

 498E2E

 AF8EBC

 3F8E20

 B98ECA

 348E12

 C48ED8

 2A8E03

 CE8EE7

 288E00

 D88EF5

Harmonies

Analogous

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



8C8A6E



7C8E75



6D9081

Triad

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



7C8E75



718CA3



A67F82

Complementary

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



7C8E75



87758E

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.



A18090



7C8E75



8288A3

Square

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



7C8E75



658F9C



94839C



A38175

Rectangle

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



7C8E75



66918B



94839C



A57F87

Sweetspot

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



7C8E75



B1B8AE



8E8775



585C56



DBDBDB



5C5C5C

Same Dimension

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



7C8E75



9CB891



758E7A



424740



268700



020800

Inverse Universe

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



87758E



AD91B8



8E7589



454047



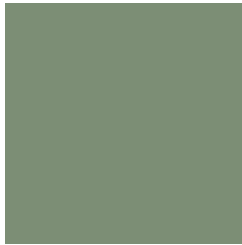
610087



060008

Previews

White Background



This preview shows how the Hex color 7C8E75 looks on a white background.

Color Contrast Check

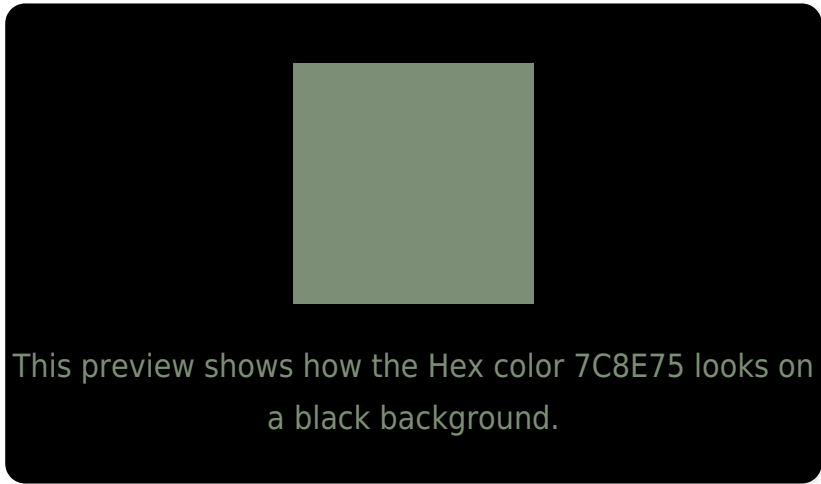
Large Text (above 18pt) WCAG AA ✓ Pass

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

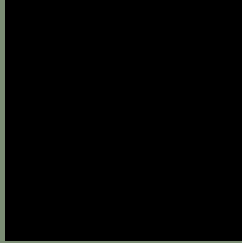
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

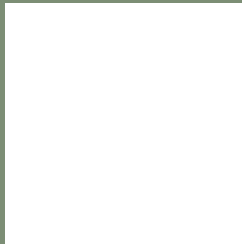
Any Text WCAG AAA × Fail

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

Hex 7C8E75 Background



This preview shows how black text looks on a background with the Hex color 7C8E75.



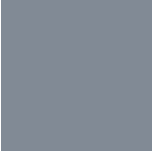
This preview shows how white text looks on a background with the Hex color 7C8E75.

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
818A95

Trichromacy



Original Color
7C8E75

Protanomaly
898A73

Deuteranomaly
908776

Tritanomaly
7F8B89

Monochromacy



Original Color
7C8E75

Achromatopsia
868686

Achromatomaly
828980

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C8E75 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 #7C8E75 looks like.

```
.text, #text, p{  
    color:#7C8E75  
}
```

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 #7C8E75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C8E75
}
```

Border

The CSS property to change the border of an element to Hex 7C8E75 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
#7C8E75 }
```

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

```
.border{ border-color:#7C8E75 }
```

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

Here you see how a box with a 4 pixel #7C8E75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C8E75; -webkit-box-shadow:4px 4px  
4px 4px #7C8E75; box-shadow:4px 4px 4px  
4px #7C8E75 }
```

Background

The CSS property to change the background color of an element to Hex 7C8E75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C8E75 }
```

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

```
.background{ background-color:#7C8E75 }
```

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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