

# Converting Colors

Hex(778A6C)

Have a look what the booklet for  
Hex(778A6C) contains.

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# Color

Hex(778A6C)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 778A6C                      |
| RGB           | 119, 138, 108               |
| RGB Percent   | 47%, 54%, 42%               |
| CMY           | 0.5333, 0.4588, 0.5765      |
| CMYK          | 0.14, 0.00, 0.22, 0.46      |
| HSL           | 98°, 12%, 48%               |
| HSV           | 98°, 22%, 54%               |
| XYZ           | 19.4030, 23.1816, 17.6392   |
| YIQ           | 128.8990, -1.6940, -13.3580 |

# Conversions

## Conversions Part 2

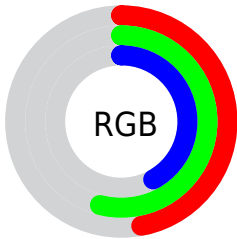
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 108, 138, 127                  |
| Decimal                             | 7834220                        |
| CIELab                              | 55.26, -12.74, 13.83           |
| CIELCh                              | 55, 18.808, 132.655            |
| Yxy                                 | 23.1816, 0.3222,<br>0.3849     |
| Android<br>(android.graphics.Color) | 4286024300<br>(0xFF778A6C)     |
| YUV                                 | 128.8990, -10.3032,<br>-8.6814 |
| Hunter-Lab                          | 48.1473, -12.3235,<br>11.9816  |

# Details

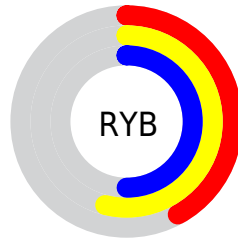
The Hex color **778A6C** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7F6C8A**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **ABBFA0**, and **46583C** is the 20% darker color. If you saturate the color by 10%, you get **6E8A5E**, and if you desaturate by 10%, it is **808A7A**.

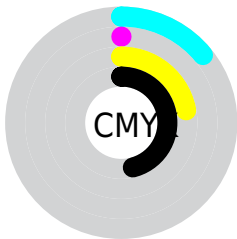
# Distribution



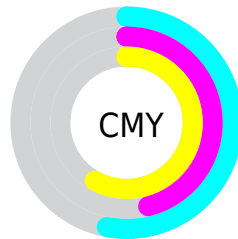
- Red (47%)
- Green (54%)
- Blue (42%)



- Red (42%)
- Yellow (54%)
- Blue (50%)



- Cyan (14%)
- Magenta (0%)
- Yellow (22%)
- Black (46%)



- Cyan (53%)
- Magenta (46%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 778A6C 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 778A6C by changing the saturation by 10% instead.





778A6C



778A6C

FFFFFF



5E7154



ABBFA0



46583C



C7DBBB



2F4126



E3F8D6



1A2B12



FFFFF3



001700



000000



778A6C



778A6C



6E8A5E



808A7A



668A50



888A88

■ 5D8A43

■ 918A95

■ 548A35

■ 9A8AA3

■ 4B8A27

■ A38AB1

■ 438A19

■ AB8ABF

■ 3A8A0B

■ B48ACD

■ 338A00

■ BD8ADA

■ C68AE8

# Harmonies

## Analogous

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



898564



778A6C



658D7A

# Triad

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



778A6C



6589A3



A6797E

# Complementary

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



778A6C



7F6C8A

# 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.



9F7A8E



778A6C



7A83A4

# Square

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



778A6C



578C9A



907E9C



A37B6F

# Rectangle

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



778A6C



5C8E85



907E9C



A47983



# Sweetspot

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



778A6C



ABB3A6



8A7F6C



555952



D9D9D9



595959



# Same Dimension

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



778A6C



95B384



6C8A70



40453E



318500



020500



# Inverse Universe

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



7F6C8A



A184B3



8A6C86



423E45



540085



030005



# Previews

## White Background



This preview shows how the Hex color 778A6C looks on a white background.

## Color Contrast Check

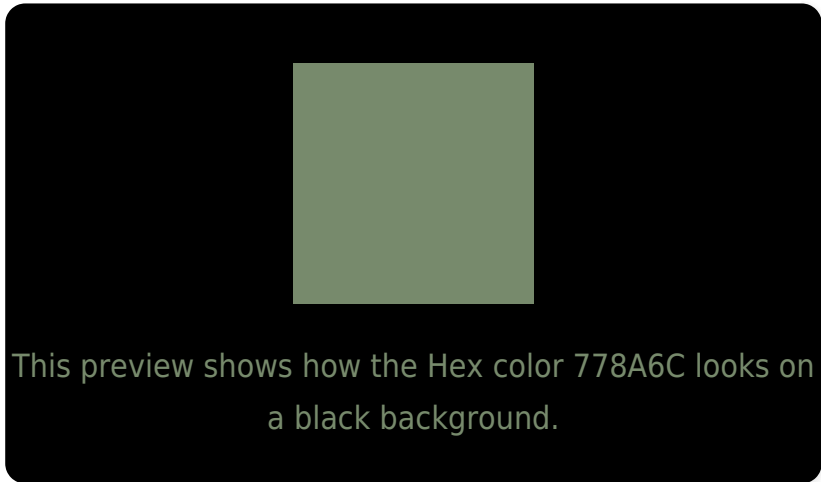
Large Text (above 18pt) WCAG AA ✓ Pass

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

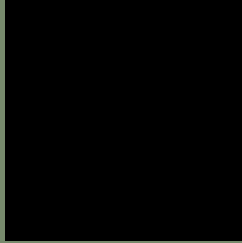
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

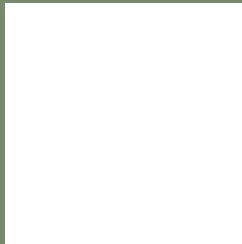
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 778A6C Background



This preview shows how black text looks on a background with the Hex color 778A6C.



This preview shows how white text looks on a background with the Hex color 778A6C.

# 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**  
778A6C

**Protanopia**  
8C8469

**Deuteranopia**  
987F6E



**Tritanopia**  
7D8590

# Trichromacy



**Original Color**  
778A6C

**Protanomaly**  
84866A

**Deuteranomaly**  
8C836D

**Tritanomaly**  
7B8783

# Monochromacy



**Original Color**  
778A6C

**Achromatopsia**  
818181

**Achromatomaly**  
7D8479

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 778A6C 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 #778A6C looks like.

```
.text, #text, p{  
    color:#778A6C  
}
```

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 #778A6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778A6C
}
```

## Border

The CSS property to change the border of an element to Hex 778A6C 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
#778A6C }
```

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

```
.border{ border-color:#778A6C }
```

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

Here you see how a box with a 4 pixel #778A6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778A6C; -webkit-box-shadow:4px 4px  
4px 4px #778A6C; box-shadow:4px 4px 4px  
4px #778A6C }
```

# Background

The CSS property to change the background color of an element to Hex 778A6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778A6C }
```

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

```
.background{ background-color:#778A6C }
```

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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