

# Converting Colors

Hex(778A77)

Have a look what the booklet for  
Hex(778A77) contains.

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# Color

Hex(778A77)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	778A77
RGB	119, 138, 119
RGB Percent	47%, 54%, 47%
CMY	0.5333, 0.4588, 0.5333
CMYK	0.14, 0.00, 0.14, 0.46
HSL	120°, 8%, 50%
HSV	120°, 14%, 54%
XYZ	20.0260, 23.4308, 20.9199
YIQ	130.1530, -5.2250, -9.9370

# Conversions

## Conversions Part 2

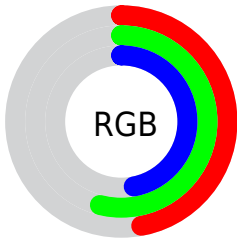
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 138, 138
Decimal	7834231
CIELab	55.51, -10.72, 7.89
CIElCh	56, 13.315, 143.646
Yxy	23.4308, 0.3111, 0.3640
Android (android.graphics.Color)	4286024311 (0xFF778A77)
YUV	130.1530, -5.4984, -9.7812
Hunter-Lab	48.4054, -10.8614, 8.2598

# Details

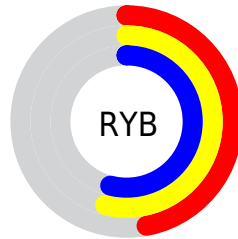
The Hex color `778A77` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `8A778A`, and the grayscale version is `828282`.

A 20% lighter version of the original color is `ABBFAB`, and `465847` is the 20% darker color. If you saturate the color by 10%, you get `698A69`, and if you desaturate by 10%, it is `858A85`.

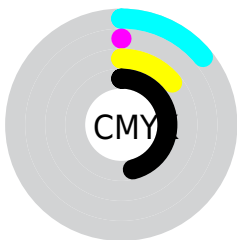
# Distribution



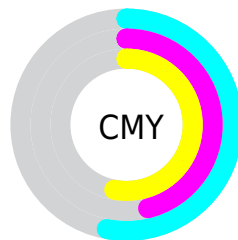
- Red (47%)
- Green (54%)
- Blue (47%)



- Red (47%)
- Yellow (54%)
- Blue (54%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 778A77 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 778A77 by changing the saturation by 10% instead.





778A77



778A77

FFFFFF



5E715E



ABBFAB



465847



C7DBC6



304130



E3F8E3



1A2B1B



011700



000000



778A77



778A77



698A69



858A85



5B8A5B



938A93

 4E8A4E

 A08AA0

 408A40

 AE8AAE

 328A32

 BC8ABC

 248A24

 CA8ACA

 168A16

 D88AD8

 098A09

 E58AE5

 008A00

 F38AF3

# Harmonies

## Analogous

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



848770



778A77



6C8C82

# Triad

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



778A77



75879C



9D7D7C

# Complementary

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



778A77



8A778A

# 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.



9B7D88



778A77



84839A

# Square

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



778A77



6A8A97



927F93



9A8073

# Rectangle

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



778A77



688C8A



927F93



9D7D80



# Sweetspot

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



778A77



ABB3AB



8A8A77



555955



D9D9D9



595959



# Same Dimension

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



778A77



94B394



778A81



3E453E



008500



000500



# Inverse Universe

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



8A778A



B394B3



8A7781



453E45



850085



050005



# Previews

## White Background



This preview shows how the Hex color 778A77 looks on a white background.

## Color Contrast Check

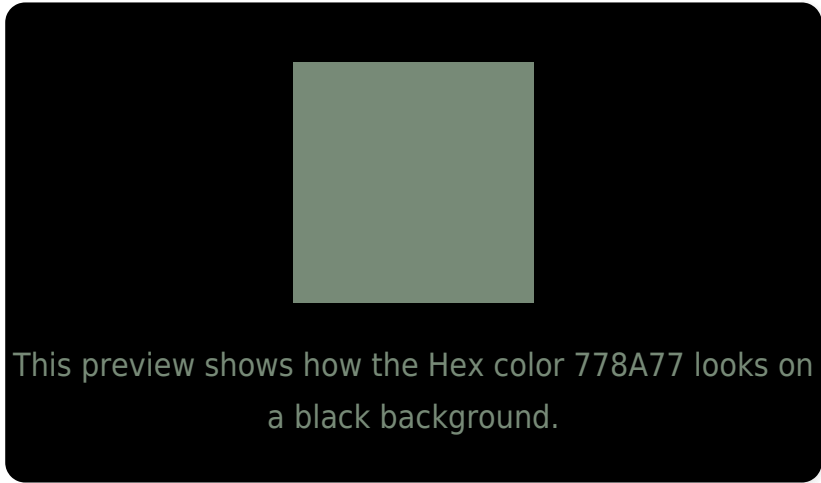
Large Text (above 18pt) WCAG AA ✓ Pass

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

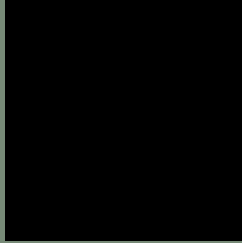
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 778A77 Background



This preview shows how black text looks on a background with the Hex color 778A77.

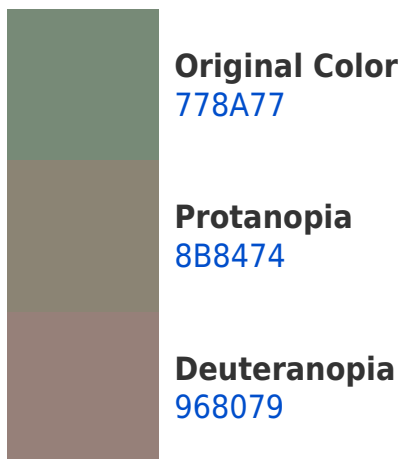


This preview shows how white text looks on a background with the Hex color 778A77.

# 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](#).

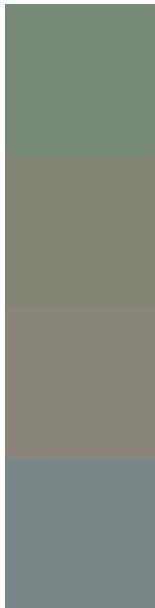
## Dichromacy





**Tritanopia**  
7B8691

# Trichromacy



**Original Color**

778A77

**Protanomaly**

848675

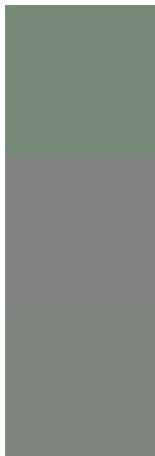
**Deuteranomaly**

8B8478

**Tritanomaly**

7A8788

# Monochromacy



**Original Color**

778A77

**Achromatopsia**

828282

**Achromatomaly**

7E857E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 778A77 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 #778A77 looks like.

```
.text, #text, p{  
    color:#778A77  
}
```

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 #778A77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778A77  
}
```

## Border

The CSS property to change the border of an element to Hex 778A77 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  
#778A77 }
```

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

```
.border{ border-color:#778A77 }
```

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

Here you see how a box with a 4 pixel #778A77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778A77; -webkit-box-shadow:4px 4px  
4px 4px #778A77; box-shadow:4px 4px 4px  
4px #778A77 }
```

# Background

The CSS property to change the background color of an element to Hex 778A77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778A77 }
```

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

```
.background{ background-color:#778A77 }
```

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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