

# Converting Colors

Hex(778A67)

Have a look what the booklet for  
Hex(778A67) contains.

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# Color

Hex(778A67)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	778A67
RGB	119, 138, 103
RGB Percent	47%, 54%, 40%
CMY	0.5333, 0.4588, 0.5961
CMYK	0.14, 0.00, 0.25, 0.46
HSL	93°, 15%, 47%
HSV	93°, 25%, 54%
XYZ	19.1444, 23.0782, 16.2775
YIQ	128.3290, -0.0890, -14.9130

# Conversions

## Conversions Part 2

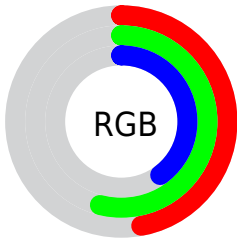
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 138, 122
Decimal	7834215
CIELab	55.15, -13.60, 16.53
CIElCh	55, 21.407, 129.446
Yxy	23.0782, 0.3273, 0.3945
Android (android.graphics.Color)	4286024295 (0xFF778A67)
YUV	128.3290, -12.4872, -8.1815
Hunter-Lab	48.0397, -12.9352, 13.5384

# Details

The Hex color **778A67** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7A678A**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **ACBF9A**, and **465838** is the 20% darker color. If you saturate the color by 10%, you get **708A59**, and if you desaturate by 10%, it is **7E8A75**.

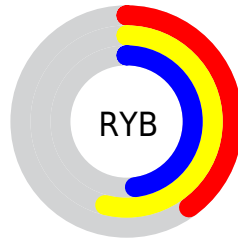
# Distribution



Red (47%)

Green (54%)

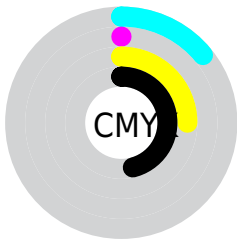
Blue (40%)



Red (40%)

Yellow (54%)

Blue (48%)

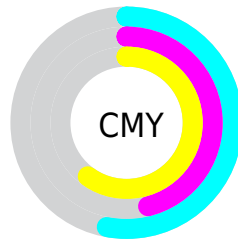


Cyan (14%)

Magenta (0%)

Yellow (25%)

Black (46%)



Cyan (53%)

Magenta (46%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 778A67 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 778A67 by changing the saturation by 10% instead.



 778A67

 778A67

FFFFFF

 5E714F

 ACBF9A

 465838

 C7DBB5

 2F4122

 E3F8D1

 1A2B0D

 FFFFED

 001700

 000000

 778A67

 778A67

 708A59

 7E8A75

 688A4B

 868A83

■ 618A3E

■ 8D8A90

■ 598A30

■ 958A9E

■ 528A22

■ 9C8AAC

■ 4A8A14

■ A48ABA

■ 438A06

■ AB8AC8

■ 3F8A00

■ B38AD5

■ BA8AE3

# Harmonies

## Analogous

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



8C855F



778A67



628D76

# Triad

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



778A67



5C89A6



A9777F

# Complementary

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



778A67



7A678A

# 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.



A17891



778A67



7584A8

# Square

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



778A67



4E8D9B



8E7DA1



A8796D

# Rectangle

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



778A67



568E83



8E7DA1



A87785



# Sweetspot

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



778A67



ABB3A4



8A7A67



545950



D9D9D9



595959



# Same Dimension

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



778A67



95B37D



678A68



41453E



3D8500



020500



# Inverse Universe

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



7A678A



9A7DB3



8A6789



423E45



480085

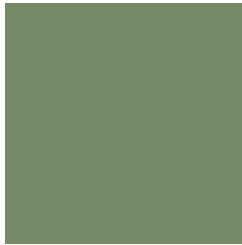


030005



# Previews

## White Background



This preview shows how the Hex color 778A67 looks on a white background.

## Color Contrast Check

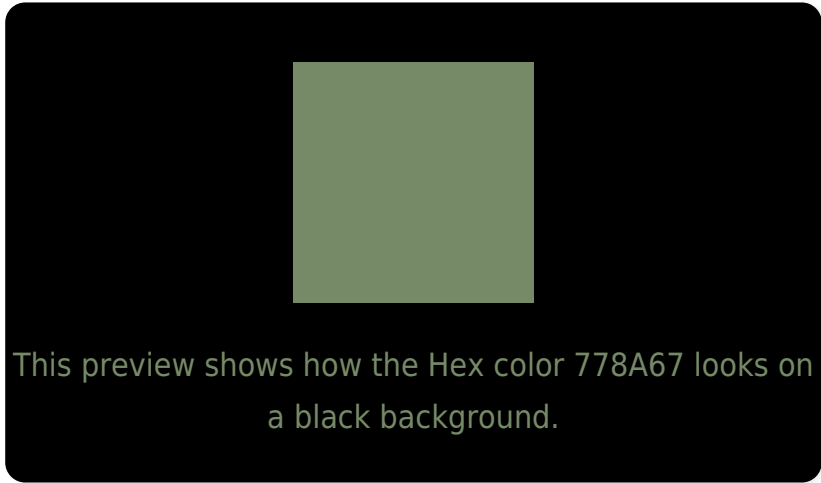
Large Text (above 18pt) WCAG AA ✓ Pass

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

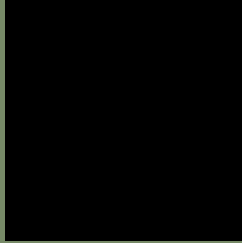
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

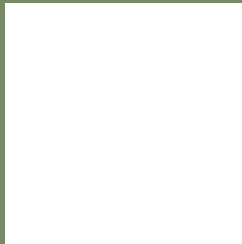
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 778A67 Background



This preview shows how black text looks on a background with the Hex color 778A67.

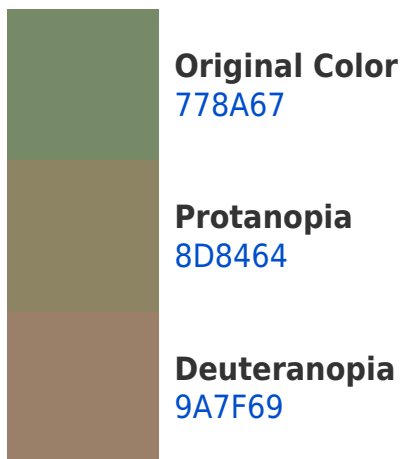


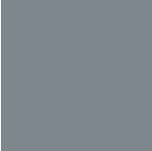
This preview shows how white text looks on a background with the Hex color 778A67.

# 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**  
7D858F

# Trichromacy



**Original Color**  
778A67

**Protanomaly**  
858665

**Deuteranomaly**  
8D8368

**Tritanomaly**  
7B8780

# Monochromacy



**Original Color**  
778A67

**Achromatopsia**  
808080

**Achromatomaly**  
7D8477

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 778A67 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 #778A67 looks like.

```
.text, #text, p{  
    color:#778A67  
}
```

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 #778A67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778A67
}
```

## Border

The CSS property to change the border of an element to Hex 778A67 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
#778A67 }
```

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

```
.border{ border-color:#778A67 }
```

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

Here you see how a box with a 4 pixel #778A67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778A67; -webkit-box-shadow:4px 4px  
4px 4px #778A67; box-shadow:4px 4px 4px  
4px #778A67 }
```

# Background

The CSS property to change the background color of an element to Hex 778A67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778A67 }
```

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

```
.background{ background-color:#778A67 }
```

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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