

# Converting Colors

Hex(778B69)

Have a look what the booklet for  
Hex(778B69) contains.

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# Color

Hex(778B69)

# Conversions

## Conversions Part 1

Format	Color
Hex	778B69
RGB	119, 139, 105
RGB Percent	47%, 55%, 41%
CMY	0.5333, 0.4549, 0.5882
CMYK	0.14, 0.00, 0.24, 0.45
HSL	95°, 14%, 48%
HSV	95°, 24%, 55%
XYZ	19.3902, 23.4071, 16.8607
YIQ	129.1440, -1.0060, -14.8140

# Conversions

## Conversions Part 2

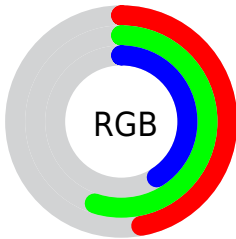
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 139, 125
Decimal	7834473
CIELab	55.49, -13.80, 15.86
CIELCh	55, 21.023, 131.035
Yxy	23.4071, 0.3250, 0.3924
Android (android.graphics.Color)	4286024553 (0xFF778B69)
YUV	129.1440, -11.9030, -8.8963
Hunter-Lab	48.3809, -13.1270, 13.2042

# Details

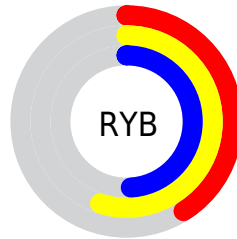
The Hex color **778B69** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7D698B**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **ACC19C**, and **46593A** is the 20% darker color. If you saturate the color by 10%, you get **6F8B5B**, and if you desaturate by 10%, it is **7F8B77**.

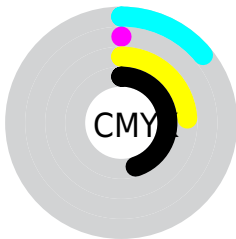
# Distribution



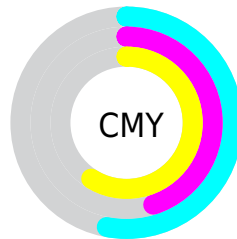
- Red (47%)
- Green (55%)
- Blue (41%)



- Red (41%)
- Yellow (55%)
- Blue (49%)



- Cyan (14%)
- Magenta (0%)
- Yellow (24%)
- Black (45%)



- Cyan (53%)
- Magenta (45%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 778B69 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 778B69 by changing the saturation by 10% instead.



 778B69

 778B69

FFFFFF

 5E7151

 ACC19C

 46593A

 C7DCB7

 2F4224

 E3F9D3

 1A2B0F

 FFFFEF

 001800

 000000

 778B69

 778B69

 6F8B5B

 7F8B77

 678B4D

 878B85

■ 5E8B3F

■ 908B93

■ 568B31

■ 988BA1

■ 4E8B24

■ A08BAE

■ 468B16

■ A88BBC

■ 3E8B08

■ B08BCA

■ 398B00

■ B88BD8

■ C18BE6

# Harmonies

## Analogous

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



8B8661



778B69



628E78

# Triad

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



778B69



5F8AA7



AA787F

# Complementary

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



778B69



7D698B

# 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.



A27991



778B69



7884A8

# Square

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



778B69



508E9C



907EA0



A87A6E

# Rectangle

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



778B69



578F85



907EA0



A87885



# Sweetspot

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



778B69



AEB5A8



8B7D69



575C54



DBDBDB



5C5C5C



# Same Dimension

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



778B69



96B581



698B6C



41453E



378500



020500



# Inverse Universe

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



7D698B



9F81B5



8B6988



423E45



4E0085



030005



# Previews

## White Background



This preview shows how the Hex color 778B69 looks on a white background.

## Color Contrast Check

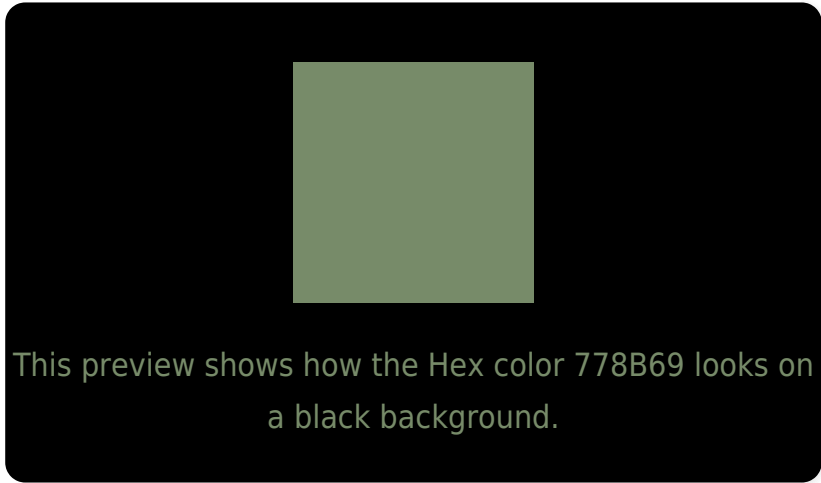
Large Text (above 18pt) WCAG AA ✓ Pass

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

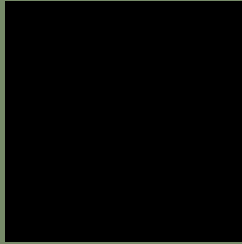
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 778B69 Background



This preview shows how black text looks on a background with the Hex color 778B69.

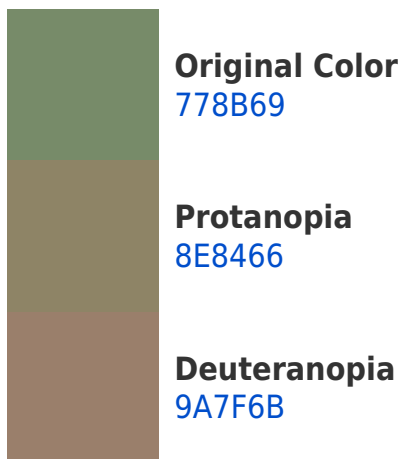


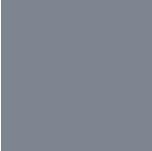
This preview shows how white text looks on a background with the Hex color 778B69.

# 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**  
7D8690

# Trichromacy



**Original Color**  
778B69

**Protanomaly**  
868767

**Deuteranomaly**  
8D836A

**Tritanomaly**  
7B8882

# Monochromacy



**Original Color**  
778B69

**Achromatopsia**  
818181

**Achromatomaly**  
7D8578

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 778B69 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 #778B69 looks like.

```
.text, #text, p{  
    color:#778B69  
}
```

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 #778B69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778B69
}
```

## Border

The CSS property to change the border of an element to Hex 778B69 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
#778B69 }
```

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

```
.border{ border-color:#778B69 }
```

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

Here you see how a box with a 4 pixel #778B69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778B69; -webkit-box-shadow:4px 4px  
4px 4px #778B69; box-shadow:4px 4px 4px  
4px #778B69 }
```

# Background

The CSS property to change the background color of an element to Hex 778B69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778B69 }
```

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

```
.background{ background-color:#778B69 }
```

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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