

# Converting Colors

Hex(778847)

Have a look what the booklet for  
Hex(778847) contains.

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**Color**

**Hex(778847)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	778847
RGB	119, 136, 71
RGB Percent	47%, 53%, 28%
CMY	0.5333, 0.4667, 0.7216
CMYK	0.12, 0.00, 0.48, 0.47
HSL	76°, 31%, 41%
HSV	76°, 48%, 53%
XYZ	17.5492, 21.9852, 9.2799
YIQ	123.5070, 10.7330, -23.8190

# Conversions

## Conversions Part 2

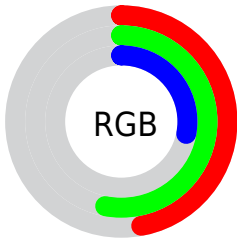
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 136, 88
Decimal	7833671
CIELab	54.01, -17.06, 32.69
CIElCh	54, 36.877, 117.553
Yxy	21.9852, 0.3595, 0.4504
Android (android.graphics.Color)	4286023751 (0xFF778847)
YUV	123.5070, -25.8860, -3.9526
Hunter-Lab	46.8884, -15.2462, 21.0875

# Details

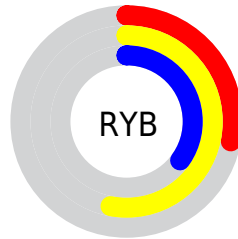
The Hex color **778847** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **584788**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **ACBD79**, and **455618** is the 20% darker color. If you saturate the color by 10%, you get **738839**, and if you desaturate by 10%, it is **7B8855**.

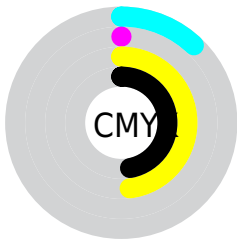
# Distribution



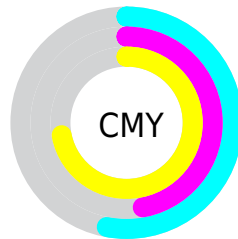
- Red (47%)
- Green (53%)
- Blue (28%)



- Red (28%)
- Yellow (53%)
- Blue (35%)



- Cyan (12%)
- Magenta (0%)
- Yellow (48%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 778847 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 778847 by changing the saturation by 10% instead.





778847



778847

FFFFFF



5D6F2F



ACBD79



455618



C8D993



2D3F00



E5F6AE



162900



FFFFCA



001600



FFFFE6



000000



778847



778847



738839



7B8855



70882C



7E8862

■ 6C881E

■ 828870

■ 698811

■ 85887D

■ 658803

■ 89888B

■ 648800

■ 8C8899

■ 9088A6

■ 9388B4

■ 9788C1

# Harmonies

## Analogous

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



977E40



778847



508E5E

# Triad

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



778847



008DB6



BB6785

# Complementary

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



778847



584788

# 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.



A66EA4



778847



4785C0

# Square

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



778847



00919E



807ABA



BD6A65

# Rectangle

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



778847



2E9172



807ABA



B66990



# Sweetspot

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



778847



AAB097



885747



55594A



D9D9D9



595959



# Same Dimension

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



778847



96B04C



578847



43453E



628500



040500



# Inverse Universe

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



584788



664CB0



784788



403E45



230085



010005



# Previews

## White Background



This preview shows how the Hex color 778847 looks on a white background.

## Color Contrast Check

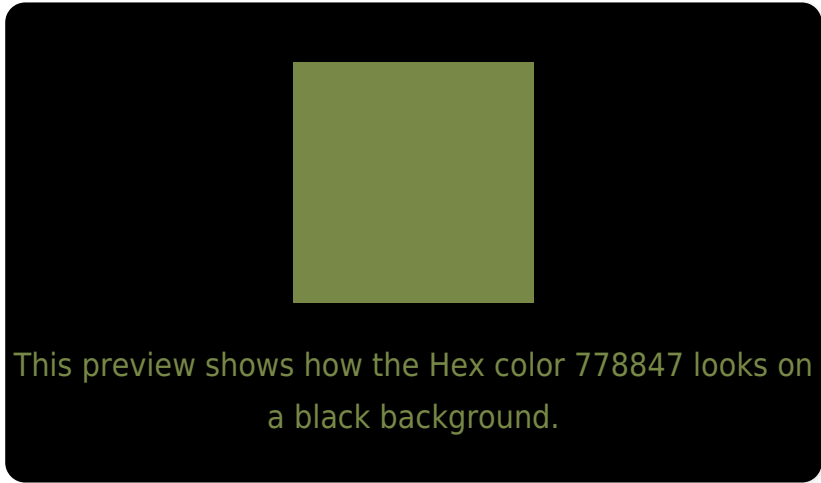
Large Text (above 18pt) WCAG AA ✓ Pass

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

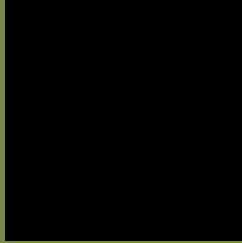
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 778847 Background



This preview shows how black text looks on a background with the Hex color 778847.

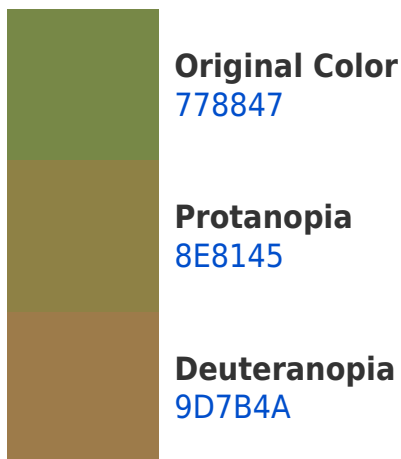


This preview shows how white text looks on a background with the Hex color 778847.

# 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**  
7F808B

# Trichromacy



**Original Color**  
778847

**Protanomaly**  
868446

**Deuteranomaly**  
8F8049

**Tritanomaly**  
7C8372

# Monochromacy



**Original Color**  
778847

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
7A8069

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 778847 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 #778847 looks like.

```
.text, #text, p{  
    color:#778847  
}
```

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 #778847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778847  
}
```

## Border

The CSS property to change the border of an element to Hex 778847 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  
#778847 }
```

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

```
.border{ border-color:#778847 }
```

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

Here you see how a box with a 4 pixel #778847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778847; -webkit-box-shadow:4px 4px  
4px 4px #778847; box-shadow:4px 4px 4px  
4px #778847 }
```

# Background

The CSS property to change the background color of an element to Hex 778847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778847 }
```

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

```
.background{ background-color:#778847 }
```

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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