

# Converting Colors

Hex(877C76)

Have a look what the booklet for  
Hex(877C76) contains.

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# Color

Hex(877C76)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	877C76
RGB	135, 124, 118
RGB Percent	53%, 49%, 46%
CMY	0.4706, 0.5137, 0.5373
CMYK	0.00, 0.08, 0.13, 0.47
HSL	21°, 7%, 50%
HSV	21°, 13%, 53%
XYZ	20.4693, 20.8742, 20.0898
YIQ	126.6050, 8.4820, 0.4660

# Conversions

## Conversions Part 2

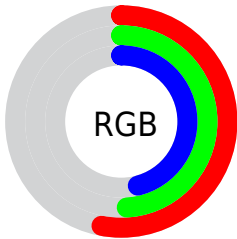
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 127, 118
Decimal	8879222
CIE <sub>Lab</sub>	52.81, 3.10, 4.78
CIE <sub>LCh</sub>	53, 5.699, 57.025
Yxy	20.8742, 0.3332, 0.3398
Android (android.graphics.Color)	4287069302 (0xFF877C76)
YUV	126.6050, -4.2423, 7.3624
Hunter-Lab	45.6883, 0.0173, 5.9111

# Details

The Hex color **877C76** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **768187**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **BCB0AA**, and **554B46** is the 20% darker color. If you saturate the color by 10%, you get **877369**, and if you desaturate by 10%, it is **878584**.

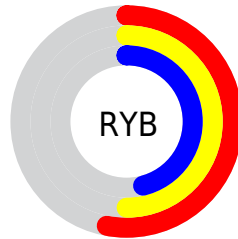
# Distribution



Red (53%)

Green (49%)

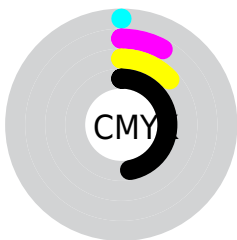
Blue (46%)



Red (53%)

Yellow (50%)

Blue (46%)

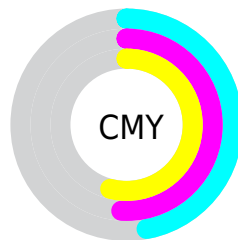


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (47%)



Cyan (47%)

Magenta (51%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 877C76 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 877C76 by changing the saturation by 10% instead.





877C76



877C76

FFFFFF



6E635D



BCB0AA



554B46



D8CCC5



3E352F



F5E8E1



281F1B

FFFFFFE



140700



000000



877C76



877C76



877369



878584



876B5B



878D91

 87624E

 87969F

 875940

 879FAC

 875033

 87A8BA

 874825

 87B0C7

 873F18

 87B9D4

 87360A

 87C2E2

 873000

 87CBF0

# Harmonies

## Analogous

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



897B7A



877C76



837E74

# Triad

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



877C76



74817D



7F7D87

# Complementary

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



877C76



768187

# 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.



797F88



877C76



728182

# Square

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



877C76



788079



748086



847C83

# Rectangle

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



877C76



7F7F75



748086



7C7E87



# Sweetspot

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



877C76



B0ABA9



877681



595655



D9D9D9



595959



# Same Dimension

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



877C76



B09F96



878476



423E3C



822E00



030100



# Inverse Universe

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



768187



96A7B0



767987



3C4042



005482



000203



# Previews

## White Background



This preview shows how the Hex color 877C76 looks on a white background.

## Color Contrast Check

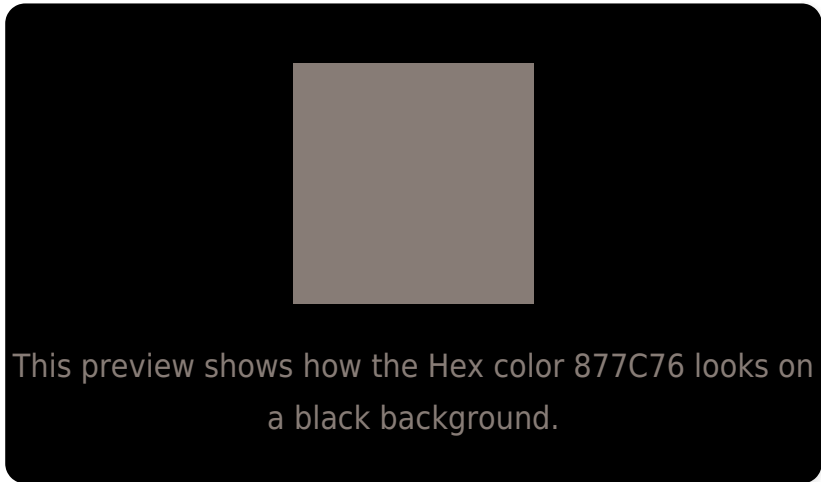
Large Text (above 18pt) WCAG AA ✓ Pass

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

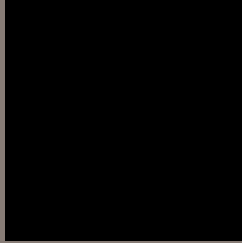
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

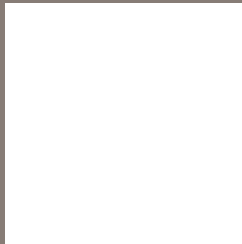
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 877C76 Background



This preview shows how black text looks on a background with the Hex color 877C76.



This preview shows how white text looks on a background with the Hex color 877C76.

# 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**  
877C76

**Protanopia**  
827E77

**Deuteranopia**  
8D7A76



**Tritanopia**  
897A84

# Trichromacy



**Original Color**  
877C76

**Protanomaly**  
847D77

**Deuteranomaly**  
8B7B76

**Tritanomaly**  
887B7F

# Monochromacy



**Original Color**  
877C76

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
827E7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 877C76 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 #877C76 looks like.

```
.text, #text, p{  
    color:#877C76  
}
```

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 #877C76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877C76
}
```

## Border

The CSS property to change the border of an element to Hex 877C76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

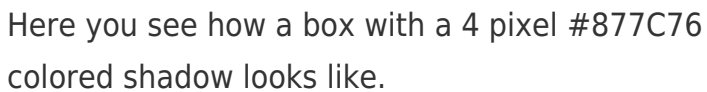
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#877C76 }
```

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

```
.border{ border-color:#877C76 }
```

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



Here you see how a box with a 4 pixel `#877C76` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877C76; -webkit-box-shadow:4px 4px  
4px 4px #877C76; box-shadow:4px 4px 4px  
4px #877C76 }
```

# Background

The CSS property to change the background color of an element to Hex 877C76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877C76 }
```

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

```
.background{ background-color:#877C76 }
```

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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