

# Converting Colors

Hex(877E6A)

Have a look what the booklet for  
Hex(877E6A) contains.

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**Color**

**Hex(877E6A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	877E6A
RGB	135, 126, 106
RGB Percent	53%, 49%, 42%
CMY	0.4706, 0.5059, 0.5843
CMYK	0.00, 0.07, 0.21, 0.47
HSL	41°, 12%, 47%
HSV	41°, 21%, 53%
XYZ	20.0540, 21.1132, 16.6540
YIQ	126.4110, 11.7840, -4.3120

# Conversions

## Conversions Part 2

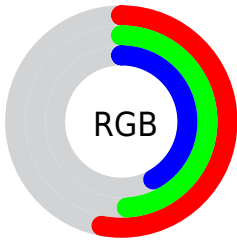
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 135, 106
Decimal	8879722
CIELab	53.07, -0.07, 12.13
CIElCh	53, 12.133, 90.314
Yxy	21.1132, 0.3468, 0.3651
Android (android.graphics.Color)	4287069802 (0xFF877E6A)
YUV	126.4110, -10.0626, 7.5326
Hunter-Lab	45.9491, -2.5064, 10.6751

# Details

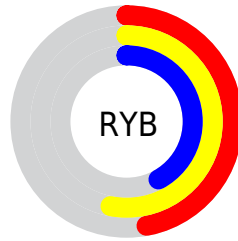
The Hex color **877E6A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A7387**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **BCB39D**, and **554D3B** is the 20% darker color. If you saturate the color by 10%, you get **877A5D**, and if you desaturate by 10%, it is **878278**.

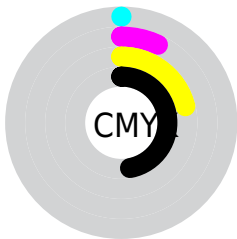
# Distribution



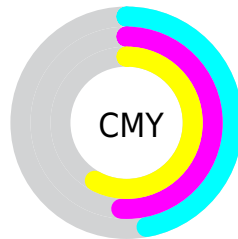
- Red (53%)
- Green (49%)
- Blue (42%)



- Red (47%)
- Yellow (53%)
- Blue (42%)



- Cyan (0%)
- Magenta (7%)
- Yellow (21%)
- Black (47%)



- Cyan (47%)
- Magenta (51%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 877E6A 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 877E6A by changing the saturation by 10% instead.





877E6A



877E6A

FFFFFF



6E6552



BCB39D



554D3B



D8CEB8



3D3625



F5EAD4



272110



FFFFF0



100B00



000000



877E6A



877E6A



877A5D



878278



87764F



878685

■ 877142

■ 878B93

■ 876D34

■ 878FA0

■ 876927

■ 8793AE

■ 876519

■ 8797BB

■ 87610B

■ 879BC9

■ 875D00

■ 87A0D6

■ 87A4E3

# Harmonies

## Analogous

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



907B6D



877E6A



7B816D

# Triad

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



877E6A



648489



8D7989

# Complementary

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



877E6A



6A7387

# 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.



817C91



877E6A



688390

# Square

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



877E6A



67857E



738093



94787F

# Rectangle

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



877E6A



738371



738093



897A8C



# Sweetspot

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



877E6A



B0ADA5



876A73



595753



D9D9D9



595959



# Same Dimension

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



877E6A



B0A282



82876A



42403C



825A00



030200



# Inverse Universe

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



6A7387



8290B0



6F6A87



3C3E42



002882

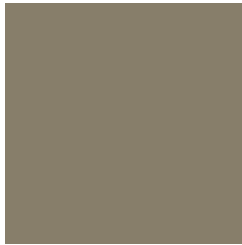


000103



# Previews

## White Background



This preview shows how the Hex color 877E6A looks on a white background.

## Color Contrast Check

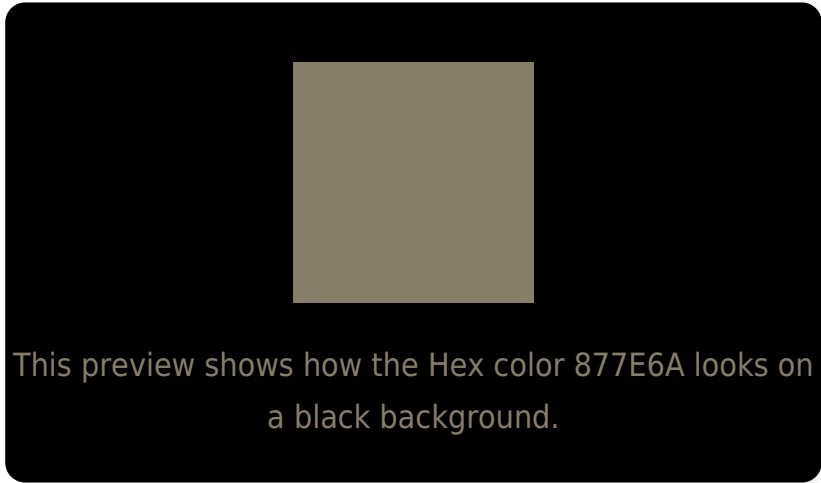
Large Text (above 18pt) WCAG AA ✓ Pass

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

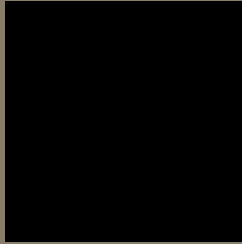
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 877E6A Background



This preview shows how black text looks on a background with the Hex color 877E6A.



This preview shows how white text looks on a background with the Hex color 877E6A.

# 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**  
877E6A

**Protanopia**  
867E6A

**Deuteranopia**  
927A6B



**Tritanopia**  
8A7A84

# Trichromacy



**Original Color**  
877E6A

**Protanomaly**  
867E6A

**Deuteranomaly**  
8E7B6B

**Tritanomaly**  
897B7B

# Monochromacy



**Original Color**  
877E6A

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
817E77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 877E6A 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 #877E6A looks like.

```
.text, #text, p{  
    color:#877E6A  
}
```

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 #877E6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877E6A
}
```

## Border

The CSS property to change the border of an element to Hex 877E6A 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
#877E6A }
```

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

```
.border{ border-color:#877E6A }
```

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

Here you see how a box with a 4 pixel #877E6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877E6A; -webkit-box-shadow:4px 4px  
4px 4px #877E6A; box-shadow:4px 4px 4px  
4px #877E6A }
```

# Background

The CSS property to change the background color of an element to Hex 877E6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877E6A }
```

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

```
.background{ background-color:#877E6A }
```

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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