

# Converting Colors

Hex(B7877A)

Have a look what the booklet for  
Hex(B7877A) contains.

<b>Hex(B7877A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(B7877A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B7877A</a>
RGB	<a href="#">183, 135, 122</a>
RGB Percent	<a href="#">72%, 53%, 48%</a>
CMY	<a href="#">0.2824, 0.4706, 0.5216</a>
CMYK	<a href="#">0.00, 0.26, 0.33, 0.28</a>
HSL	<a href="#">13°, 30%, 60%</a>
HSV	<a href="#">13°, 33%, 72%</a>
XYZ	<a href="#">31.7053, 28.8004, 22.3003</a>
YIQ	<a href="#">147.8700, 32.7810, 6.1330</a>

# Conversions

## Conversions Part 2

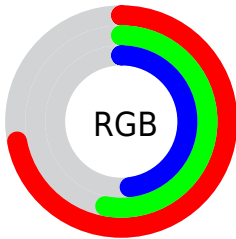
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 139, 122
Decimal	12027770
CIELab	60.61, 16.57, 14.19
CIELCh	61, 21.814, 40.569
Yxy	28.8004, 0.3829, 0.3478
Android (android.graphics.Color)	4290217850 (0xFFB7877A)
YUV	147.8700, -12.7539, 30.8090
Hunter-Lab	53.6660, 11.5404, 12.9288

# Details

The Hex color **B7877A** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **7AAAB7**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **F0BCAE**, and **815549** is the 20% darker color. If you saturate the color by 10%, you get **B77968**, and if you desaturate by 10%, it is **B7958C**.

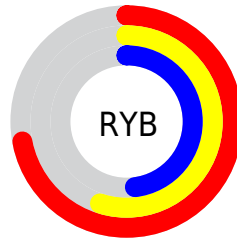
# Distribution



Red (72%)

Green (53%)

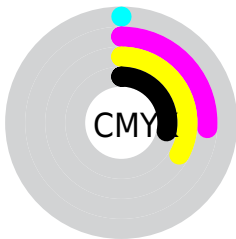
Blue (48%)



Red (72%)

Yellow (55%)

Blue (48%)

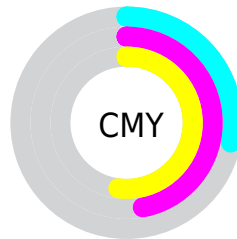


Cyan (0%)

Magenta (26%)

Yellow (33%)

Black (28%)



Cyan (28%)

Magenta (47%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7877A 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 B7877A by changing the saturation by 10% instead.



 B7877A

 B7877A

FFFFFF

 9B6E61

 F0BCAE

 815549

 FFD8CA

 663E33

 FFF5E6

 4D271E

 351205

 200000

 000000

 B7877A

 B7877A

 B77968

 B7958C

 B76A55

 B7A49F

 B75C43

 B7B2B1

 B74D31

 B7C1C3

 B73F1F

 B7CFD6

 B7310C

 B7DDE8

 B72700

 B7ECFA

 B7FAFF

 B7FFFF

# Harmonies

## Analogous

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



B9848C



B7877A



AC8D6E

# Triad

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



B7877A



6E9C85



8492B8

# Complementary

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



B7877A



7AAAB7

# 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.



6B98B6



B7877A



5E9D98

# Square

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



B7877A



849975



5B9CAA



9E8BAF

# Rectangle

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



B7877A



A0916C



5B9CAA



7B94B8



# Sweetspot

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



B7877A



EDDAD5



B77AAB



786D69



F7F7F7



787878



# Same Dimension

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



B7877A



EDA38E



B7A57A



5C5553



9C2100



1C0600



# Inverse Universe

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



7AAAB7



8ED9ED



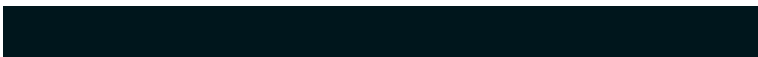
7A8CB7



535A5C



007A9C



00161C



# Previews

## White Background



This preview shows how the Hex color B7877A looks on a white background.

## Color Contrast Check

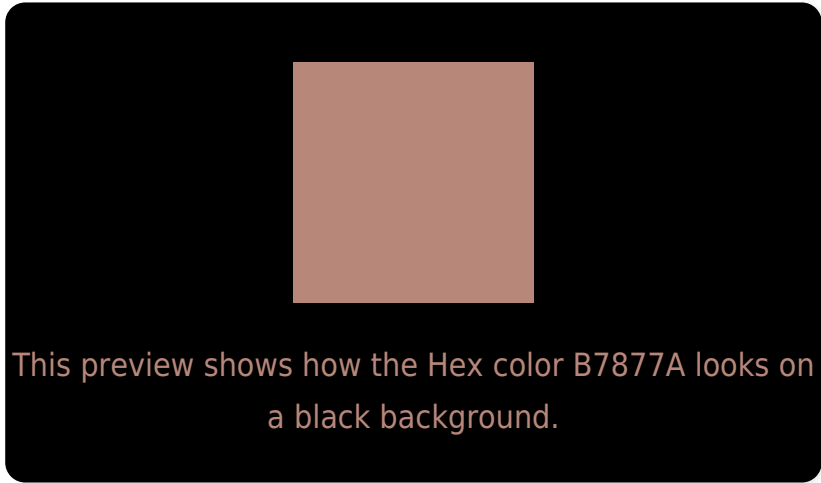
Large Text (above 18pt) WCAG AA ✓ Pass

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

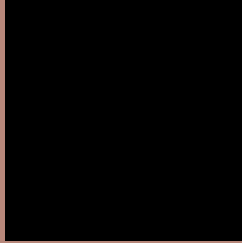
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B7877A Background



This preview shows how black text looks on a background with the Hex color B7877A.



This preview shows how white text looks on a background with the Hex color B7877A.

# 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**  
B9848E

# Trichromacy



**Original Color**  
B7877A

**Protanomaly**  
A48E7D

**Deuteranomaly**  
AE8B79

**Tritanomaly**  
B88587

# Monochromacy



**Original Color**  
B7877A

**Achromatopsia**  
949494

**Achromatomaly**  
A18F8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7877A 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 #B7877A looks like.

```
.text, #text, p{  
    color:#B7877A  
}
```

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 #B7877A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7877A
}
```

## Border

The CSS property to change the border of an element to Hex B7877A is called "border". The border property can be set on classes, ids or directly on the HTML element.

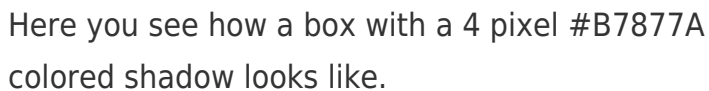
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B7877A }
```

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

```
.border{ border-color:#B7877A }
```

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



Here you see how a box with a 4 pixel #B7877A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7877A; -webkit-box-shadow:4px 4px  
4px 4px #B7877A; box-shadow:4px 4px 4px  
4px #B7877A }
```

# Background

The CSS property to change the background color of an element to Hex B7877A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7877A }
```

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

```
.background{ background-color:#B7877A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor