

# Converting Colors

Hex(B7808C)

Have a look what the booklet for  
Hex(B7808C) contains.

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# **Color**

**Hex(B7808C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B7808C
RGB	183, 128, 140
RGB Percent	72%, 50%, 55%
CMY	0.2824, 0.4980, 0.4510
CMYK	0.00, 0.30, 0.23, 0.28
HSL	347°, 28%, 61%
HSV	347°, 30%, 72%
XYZ	31.9812, 27.3991, 28.4139
YIQ	145.8130, 28.9280, 15.3920

# Conversions

## Conversions Part 2

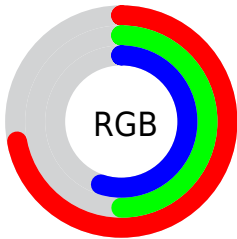
Format	Color
<a href="#">RYB</a>	<a href="#">183, 128, 140</a>
Decimal	<a href="#">12025996</a>
CIELab	<a href="#">59.34, 23.02, 2.09</a>
CIELCh	<a href="#">59, 23.113, 5.196</a>
Yxy	<a href="#">27.3991, 0.3643, 0.3121</a>
Android (android.graphics.Color)	<a href="#">4290216076</a> ( <a href="#">0xFFB7808C</a> )
YUV	<a href="#">145.8130, -2.8658, 32.6130</a>
Hunter-Lab	<a href="#">52.3441, 17.4578, 4.4566</a>

# Details

The Hex color **B7808C** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **80B7AB**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **F0B5C1**, and **814E5A** is the 20% darker color. If you saturate the color by 10%, you get **B76E7E**, and if you desaturate by 10%, it is **B7929A**.

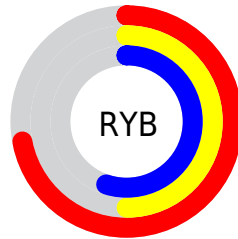
# Distribution



Red (72%)

Green (50%)

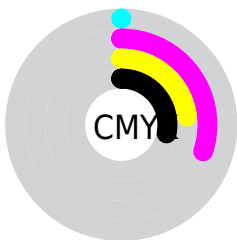
Blue (55%)



Red (72%)

Yellow (50%)

Blue (55%)

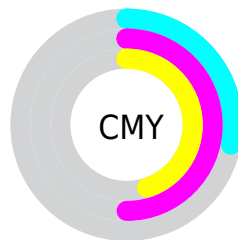


Cyan (0%)

Magenta (30%)

Yellow (23%)

Black (28%)



Cyan (28%)

Magenta (50%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7808C 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 B7808C by changing the saturation by 10% instead.



 B7808C

 B7808C

FFFFFF

 9C6773

 F0B5C1

 814E5A

 FFD1DD

 673743

 FFEDFA

 4E202D

 350A18

 220001

 000000

 B7808C

 B7808C

 B76E7E

 B7929A

 B75B6F

 B7A5A9

 B74961

 B7B7B7

 B73753

 B7C9C5

 B72444

 B7DBD4

 B71236

 B7EEE2

 B70028

 B7FFF0

 B7FFFE

 B7FFFF

# Harmonies

## Analogous

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



AC82A0



B7808C



B78278

# Triad

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



B7808C



84956D



6096B3

# Complementary

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



B7808C



80B7AB

# 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.



5299A6



B7808C



6D997D

# Square

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



B7808C



9A8F66



599A92



7B90B7

# Rectangle

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



B7808C



B1866E



599A92



5997B0



# Sweetspot

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



B7808C



EDD8DC



AA80B7



786B6E



F7F7F7



787878



# Same Dimension

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



B7808C



ED98AA



B78F80



5C5355



9C0022



1C0006



# Inverse Universe

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



B7808C



ED98AA



80A8B7



5C5355



9C0022

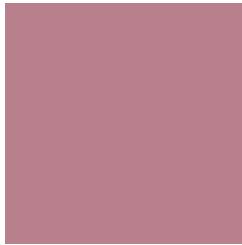


1C0006



# Previews

## White Background



This preview shows how the Hex color B7808C looks on a white background.

## Color Contrast Check

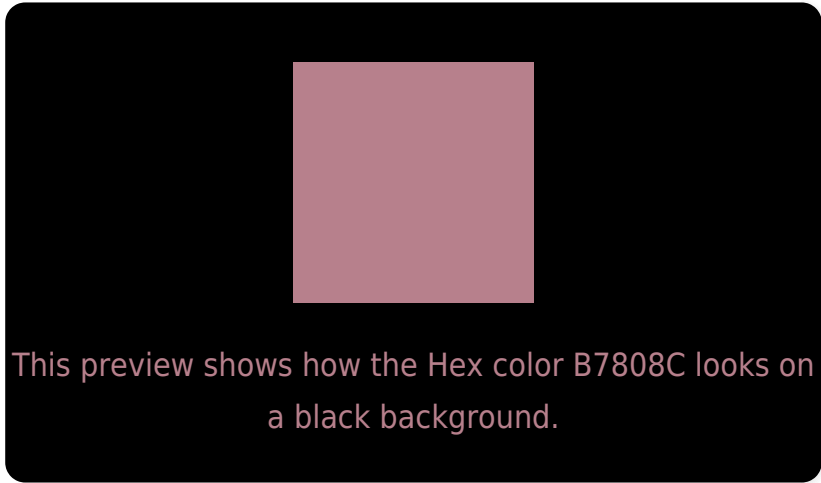
Large Text (above 18pt) WCAG AA ✓ Pass

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 B7808C Background



This preview shows how black text looks on a background with the Hex color B7808C.



This preview shows how white text looks on a background with the Hex color B7808C.

# 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**  
B7808A

# Trichromacy



**Original Color**  
B7808C

**Protanomaly**  
9E8991

**Deuteranomaly**  
A8868B

**Tritanomaly**  
B7808B

# Monochromacy



**Original Color**  
B7808C

**Achromatopsia**  
929292

**Achromatomaly**  
9F8B90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7808C 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 #B7808C looks like.

```
.text, #text, p{  
    color:#B7808C  
}
```

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 #B7808C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7808C
}
```

## Border

The CSS property to change the border of an element to Hex B7808C is called "border". The border property can be set on classes, ids or directly on the HTML element.

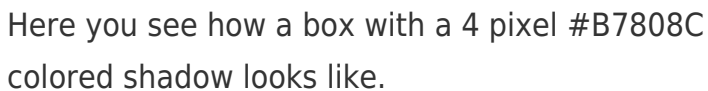
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B7808C }
```

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

```
.border{ border-color:#B7808C }
```

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



Here you see how a box with a 4 pixel #B7808C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7808C; -webkit-box-shadow:4px 4px  
4px 4px #B7808C; box-shadow:4px 4px 4px  
4px #B7808C }
```

# Background

The CSS property to change the background color of an element to Hex B7808C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7808C }
```

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

```
.background{ background-color:#B7808C }
```

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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