

# Converting Colors

Hex(B07A8C)

Have a look what the booklet for  
Hex(B07A8C) contains.

<b>Hex(B07A8C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(**B07A8C**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B07A8C
RGB	176, 122, 140
RGB Percent	69%, 48%, 55%
CMY	0.3098, 0.5216, 0.4510
CMYK	0.00, 0.31, 0.20, 0.31
HSL	340°, 25%, 58%
HSV	340°, 31%, 69%
XYZ	29.5977, 25.0426, 28.0847
YIQ	140.1980, 26.4060, 17.0460

# Conversions

## Conversions Part 2

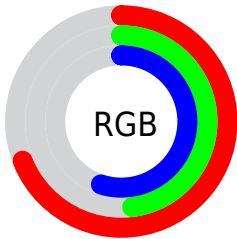
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">176, 122, 140</a>
Decimal	<a href="#">11565708</a>
CIELab	<a href="#">57.12, 23.74, -1.25</a>
CIElCh	<a href="#">57, 23.777, 356.993</a>
Yxy	<a href="#">25.0426, 0.3578, 0.3027</a>
Android (android.graphics.Color)	<a href="#">4289755788 (0xFFB07A8C)</a>
YUV	<a href="#">140.1980, -0.0976, 31.3984</a>
Hunter-Lab	<a href="#">50.0426, 17.9991, 1.7554</a>

# Details

The Hex color **B07A8C** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **7AB09E**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **E8AFC1**, and **7A495A** is the 20% darker color. If you saturate the color by 10%, you get **B06880**, and if you desaturate by 10%, it is **B08C98**.

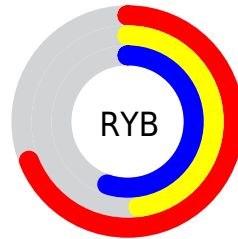
# Distribution



Red (69%)

Green (48%)

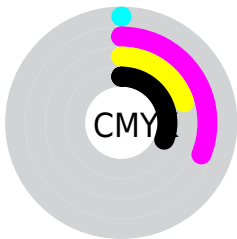
Blue (55%)



Red (69%)

Yellow (48%)

Blue (55%)

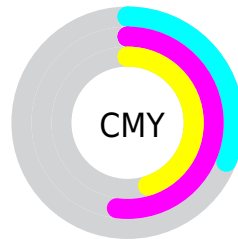


Cyan (0%)

Magenta (31%)

Yellow (20%)

Black (31%)



Cyan (31%)

Magenta (52%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B07A8C 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 B07A8C by changing the saturation by 10% instead.



 B07A8C

 B07A8C

FFFFFF

 956173

 E8AFC1

 7A495A

 FFCADD

 613143

 FFE7FA

 481B2D

 300418

 180001

 000000

 B07A8C

 B07A8C

 B06880

 B08C98

 B05775

 B09DA3

 B04569

 B0AFAF

 B0345D

 B0C0BB

 B02251

 B0D2C7

 B01046

 B0E4D2

 B0003B

 B0F5DE

 B0FFEA

 B0FFF6

# Harmonies

## Analogous

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



A27EA0



B07A8C



B37B77

# Triad

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



B07A8C



848E64



5291AB

# Complementary

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



B07A8C



7AB09E

# 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.



49949B



B07A8C



6C9272

# Square

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



B07A8C



9A8760



569586



6C8CB2

# Rectangle

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



B07A8C



AE7E6C



569586



4C93A7



# Sweetspot

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



B07A8C



E6D1D8



9E7AB0



73666A



F2F2F2



737373



# Same Dimension

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



B07A8C



E691AD



B0837A



595053



990033



1A0009



# Inverse Universe

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



B07A8C



E691AD



7AA7B0



595053



990033

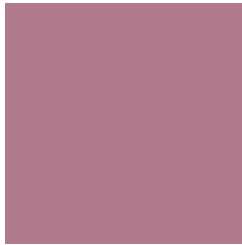


1A0009



# Previews

## White Background



This preview shows how the Hex color B07A8C looks on a white background.

## Color Contrast Check

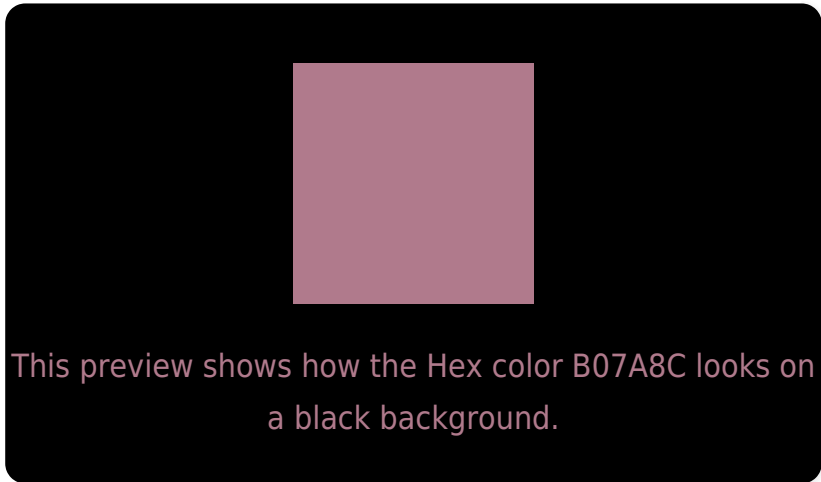
Large Text (above 18pt) WCAG AA ✓ Pass

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

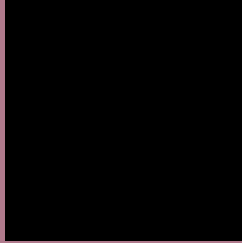
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B07A8C Background



This preview shows how black text looks on a background with the Hex color B07A8C.



This preview shows how white text looks on a background with the Hex color B07A8C.

# 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](#).

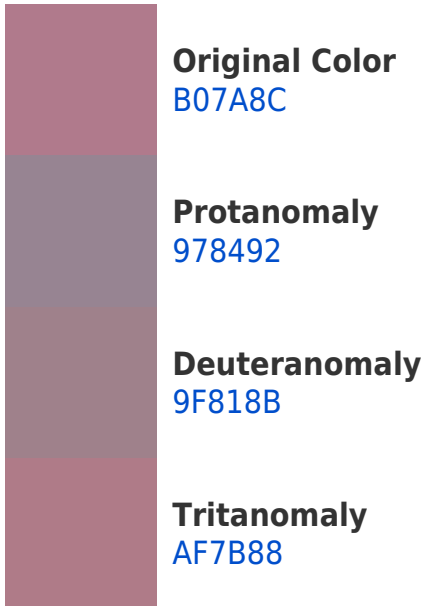
## Dichromacy





**Tritanopia**  
AF7B85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B07A8C 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 #B07A8C looks like.

```
.text, #text, p{  
    color:#B07A8C  
}
```

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 #B07A8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B07A8C
}
```

## Border

The CSS property to change the border of an element to Hex B07A8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

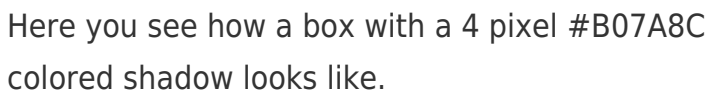
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B07A8C }
```

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

```
.border{ border-color:#B07A8C }
```

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



Here you see how a box with a 4 pixel `#B07A8C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B07A8C; -webkit-box-shadow:4px 4px  
4px 4px #B07A8C; box-shadow:4px 4px 4px  
4px #B07A8C }
```

# Background

The CSS property to change the background color of an element to Hex B07A8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B07A8C }
```

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

```
.background{ background-color:#B07A8C }
```

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