

# Converting Colors

Hex(B07BA1)

Have a look what the booklet for  
Hex(B07BA1) contains.

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# **Color**

**Hex(B07BA1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B07BA1
RGB	176, 123, 161
RGB Percent	69%, 48%, 63%
CMY	0.3098, 0.5176, 0.3686
CMYK	0.00, 0.30, 0.09, 0.31
HSL	317°, 25%, 59%
HSV	317°, 30%, 69%
XYZ	31.4205, 25.9692, 37.0747
YIQ	143.1790, 19.3900, 23.0540

# Conversions

## Conversions Part 2

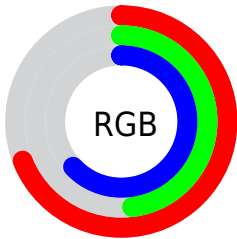
Format	Color
<a href="#">RYB</a>	<a href="#">176, 123, 161</a>
Decimal	<a href="#">11565985</a>
CIELab	<a href="#">58.01, 26.72, -12.06</a>
CIELCh	<a href="#">58, 29.319, 335.712</a>
Yxy	<a href="#">25.9692, 0.3326, 0.2749</a>
Android (android.graphics.Color)	<a href="#">4289756065 (0xFFB07BA1)</a>
YUV	<a href="#">143.1790, 8.7858, 28.7840</a>
Hunter-Lab	<a href="#">50.9600, 20.8779, -7.4630</a>

# Details

The Hex color **B07BA1** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7BB08A**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **E8B0D8**, and **7B496D** is the 20% darker color. If you saturate the color by 10%, you get **B0699C**, and if you desaturate by 10%, it is **B08DA6**.

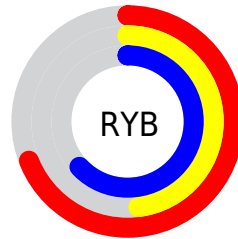
# Distribution



Red (69%)

Green (48%)

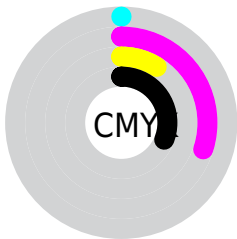
Blue (63%)



Red (69%)

Yellow (48%)

Blue (63%)

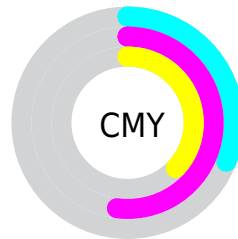


Cyan (0%)

Magenta (30%)

Yellow (9%)

Black (31%)



Cyan (31%)

Magenta (52%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B07BA1 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 B07BA1 by changing the saturation by 10% instead.



 B07BA1

 B07BA1

FFFFFF

 956287

 E8B0D8

 7B496D

 FFCCF4

 613255

 FFE8FF

 481B3E

 310428

 1C0013

 000000

 B07BA1

 B07BA1

 B0699C

 B08DA6

 B05897

 B09EAB

 B04692

 B0B0B0

 B0358D

 B0C1B5

 B02388

 B0D3BA

 B01183

 B0E5BF

 B0007E

 B0F6C4

 B0FFC9

 B0FFCE

# Harmonies

## Analogous

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



9583B5



B07BA1



BD7887

# Triad

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



B07BA1



988B58



2F98A8

# Complementary

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



B07BA1



7BB08A

# 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.



3F9990



B07BA1



7C9361

# Square

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



B07BA1



AE835D



5E9875



4894B9

# Rectangle

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



B07BA1



BE7976



5E9875



3199A1



# Sweetspot

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



B07BA1



E6D1E0



897BB0



73666F



F2F2F2



737373



# Same Dimension

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



B07BA1



E693CE



B07B87



595057



99006E



1A0012



# Inverse Universe

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



B07BA1



E693CE



7BB0A4



595057



99006E

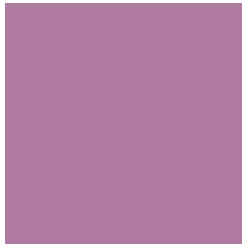


1A0012



# Previews

## White Background



This preview shows how the Hex color B07BA1 looks on a white background.

## Color Contrast Check

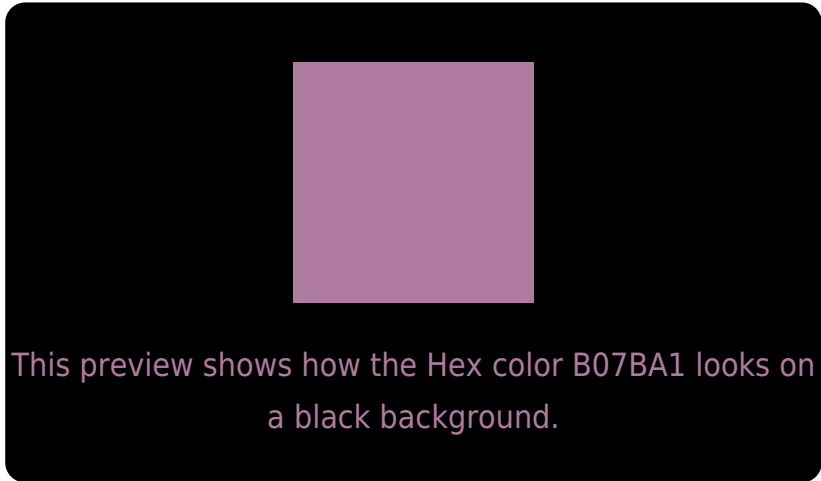
Large Text (above 18pt) WCAG AA ✓ Pass

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

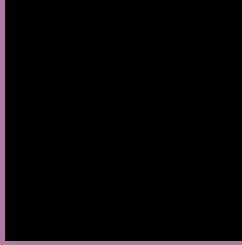
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B07BA1 Background



This preview shows how black text looks on a background with the Hex color B07BA1.

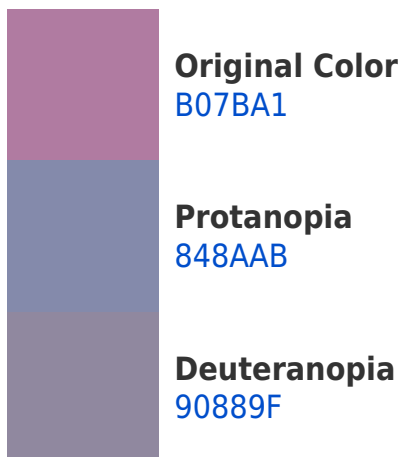


This preview shows how white text looks on a background with the Hex color B07BA1.

# 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**  
AD7F89

# Trichromacy



**Original Color**  
B07BA1

**Protanomaly**  
9485A7

**Deuteranomaly**  
9C83A0

**Tritanomaly**  
AE7E92

# Monochromacy



**Original Color**  
B07BA1

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
9B8896

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B07BA1 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 #B07BA1 looks like.

```
.text, #text, p{  
    color:#B07BA1  
}
```

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 #B07BA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B07BA1
}
```

## Border

The CSS property to change the border of an element to Hex B07BA1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

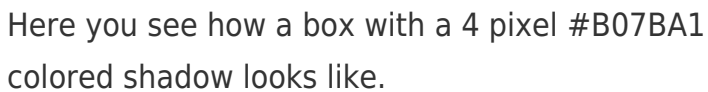
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B07BA1 }
```

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

```
.border{ border-color:#B07BA1 }
```

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



Here you see how a box with a 4 pixel `#B07BA1` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B07BA1; -webkit-box-shadow:4px 4px  
4px 4px #B07BA1; box-shadow:4px 4px 4px  
4px #B07BA1 }
```

# Background

The CSS property to change the background color of an element to Hex B07BA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B07BA1 }
```

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

```
.background{ background-color:#B07BA1 }
```

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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