

# Converting Colors

Hex(B07B97)

Have a look what the booklet for  
Hex(B07B97) contains.

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**Color**

**Hex(B07B97)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B07B97
RGB	176, 123, 151
RGB Percent	69%, 48%, 59%
CMY	0.3098, 0.5176, 0.4078
CMYK	0.00, 0.30, 0.14, 0.31
HSL	328°, 25%, 59%
HSV	328°, 30%, 69%
XYZ	30.5734, 25.6304, 32.6139
YIQ	142.0390, 22.6000, 19.9440

# Conversions

## Conversions Part 2

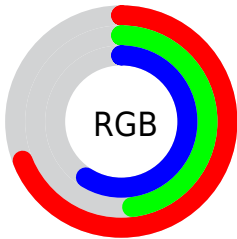
Format	Color
<a href="#">RYB</a>	<a href="#">176, 123, 151</a>
Decimal	<a href="#">11565975</a>
CIELab	<a href="#">57.68, 24.98, -6.77</a>
CIELCh	<a href="#">58, 25.884, 344.827</a>
Yxy	<a href="#">25.6304, 0.3442, 0.2886</a>
Android (android.graphics.Color)	<a href="#">4289756055</a> <a href="#">(0xFFB07B97)</a>
YUV	<a href="#">142.0390, 4.4178, 29.7838</a>
Hunter-Lab	<a href="#">50.6265, 19.2000, -2.7565</a>

# Details

The Hex color **B07B97** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7BB094**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **E8B0CD**, and **7B4964** is the 20% darker color. If you saturate the color by 10%, you get **B0698F**, and if you desaturate by 10%, it is **B08D9F**.

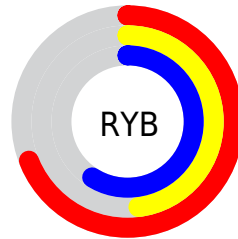
# Distribution



Red (69%)

Green (48%)

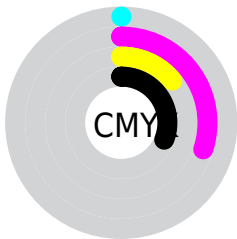
Blue (59%)



Red (69%)

Yellow (48%)

Blue (59%)

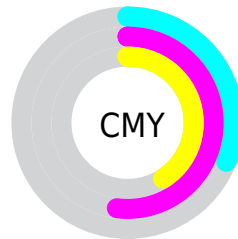


Cyan (0%)

Magenta (30%)

Yellow (14%)

Black (31%)



Cyan (31%)

Magenta (52%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B07B97 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 B07B97 by changing the saturation by 10% instead.





B07B97



B07B97

FFFFFF



95627D



E8B0CD



7B4964



FFCCE9



61324C



FFE8FF



481B36



310520



1B0007



000000



B07B97



B07B97



B0698F



B08D9F

 B05886

 B09EA8

 B0467E

 B0B0B0

 B03576

 B0C1B8

 B0236D

 B0D3C1

 B01165

 B0E5C9

 B0005D

 B0F6D1

 B0FFD9

 B0FFE2

# Harmonies

## Analogous

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



9C81AB



B07B97



B87A80

# Triad

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



B07B97



8F8D5F



4495AA

# Complementary

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



B07B97



7BB094

# 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.



469795



B07B97



76936A

# Square

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



B07B97



A5855F



5B967E



5C90B6

# Rectangle

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



B07B97



B67C72



5B967E



4296A4



# Sweetspot

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



B07B97



E6D1DC



947BB0



73666D



F2F2F2



737373



# Same Dimension

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



B07B97



E693BF



B07B7D



595055



990051



1A000D



# Inverse Universe

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



B07B97



E693BF



7BB0AE



595055



990051

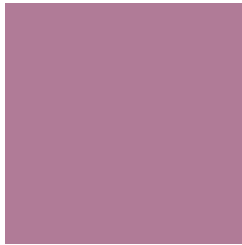


1A000D



# Previews

## White Background



This preview shows how the Hex color B07B97 looks on a white background.

## Color Contrast Check

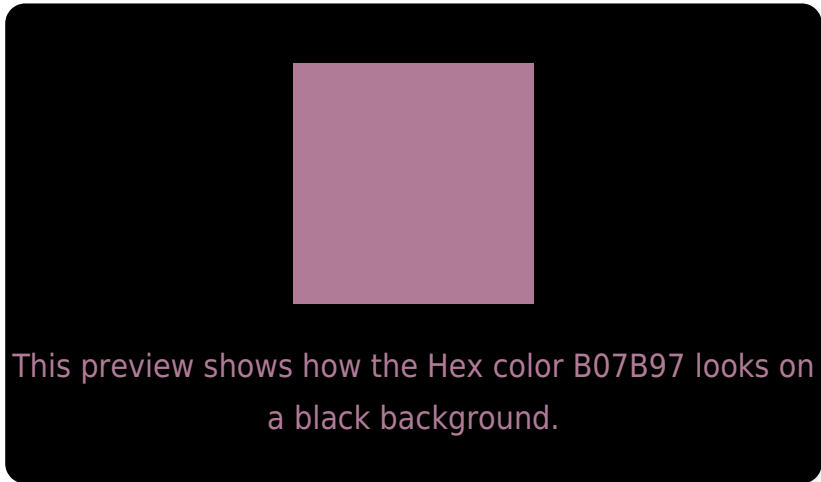
Large Text (above 18pt) WCAG AA ✓ Pass

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 B07B97 Background



This preview shows how black text looks on a background with the Hex color B07B97.

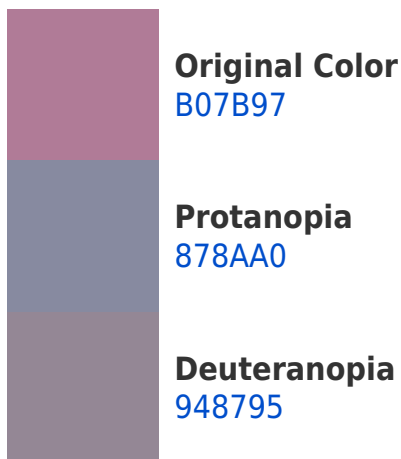


This preview shows how white text looks on a background with the Hex color B07B97.

# 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](#).

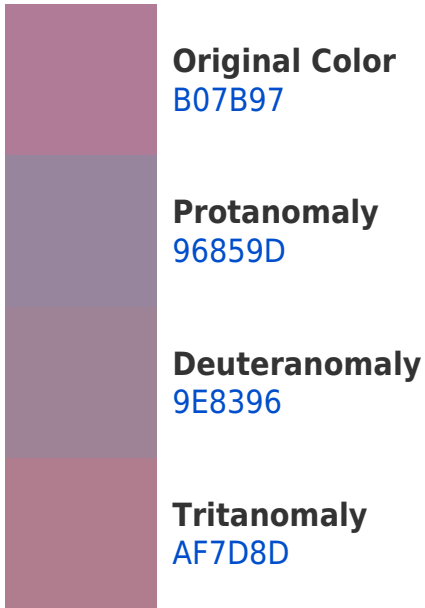
## Dichromacy





**Tritanopia**  
AE7E87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B07B97 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 #B07B97 looks like.

```
.text, #text, p{  
    color:#B07B97  
}
```

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 #B07B97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B07B97
}
```

## Border

The CSS property to change the border of an element to Hex B07B97 is called "border". The border property can be set on classes, ids or directly on the HTML element.

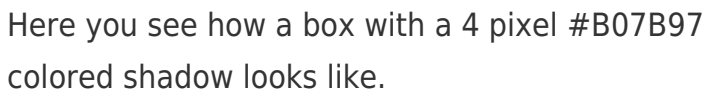
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B07B97 }
```

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

```
.border{ border-color:#B07B97 }
```

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



Here you see how a box with a 4 pixel #B07B97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B07B97; -webkit-box-shadow:4px 4px  
4px 4px #B07B97; box-shadow:4px 4px 4px  
4px #B07B97 }
```

# Background

The CSS property to change the background color of an element to Hex B07B97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B07B97 }
```

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

```
.background{ background-color:#B07B97 }
```

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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