

# Converting Colors

Hex(B7ACB0)

Have a look what the booklet for  
Hex(B7ACB0) contains.

<b>Hex(B7ACB0)</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(B7ACB0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7ACB0
RGB	183, 172, 176
RGB Percent	72%, 67%, 69%
CMY	0.2824, 0.3255, 0.3098
CMYK	0.00, 0.06, 0.04, 0.28
HSL	338°, 7%, 70%
HSV	338°, 6%, 72%
XYZ	42.1174, 42.7069, 47.0977
YIQ	175.7450, 5.2720, 3.5760

# Conversions

## Conversions Part 2

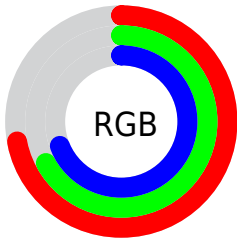
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 172, 176
Decimal	12037296
CIELab	71.36, 4.66, -0.64
CIELCh	71, 4.704, 352.156
Yxy	42.7069, 0.3193, 0.3237
Android (android.graphics.Color)	4290227376 (0xFFB7ACB0)
YUV	175.7450, 0.1257, 6.3626
Hunter-Lab	65.3505, 0.6771, 3.0154

# Details

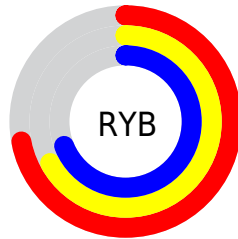
The Hex color **B7ACB0** is a light color, and the websafe version is hex **999999**. A complement of this color would be **ACB7B3**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **EFE3E8**, and **82787C** is the 20% darker color. If you saturate the color by 10%, you get **B79AA4**, and if you desaturate by 10%, it is **B7BEBC**.

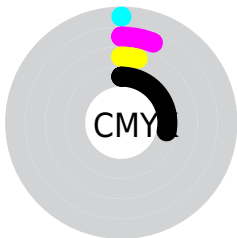
# Distribution



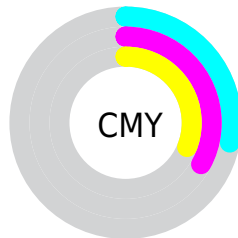
- Red (72%)
- Green (67%)
- Blue (69%)



- Red (72%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (28%)



- Cyan (28%)
- Magenta (33%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7ACB0 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 B7ACB0 by changing the saturation by 10% instead.



 B7ACB0

 B7ACB0

FFFFFF

 9C9195

 EFE3E8

 82787C

 695F63

 51474B

 3A3134

 241C1F

 0F0107

 000000

 B7ACB0

 B7ACB0

 B79AA4

 B7BEBC

 B78799

 B7D1C7

 B7758D

 B7E3D3

 B76381

 B7F5DF

 B75176

 B7FFEA

 B73E6A

 B7FFF6

 B72C5E

 B7FFFF

 B71A53

 B70747

# Harmonies

## Analogous

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



B3ADB4



B7ACB0



B8ACAC

# Triad

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



B7ACB0



AFAFA7



A6B1B5

# Complementary

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



B7ACB0



ACB7B3

# 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.



A4B1B2



B7ACB0



AAB1A9

# Square

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



B7ACB0



B4AEA6



A6B1AD



A9AFB7

# Rectangle

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



B7ACB0



B8ACA9



A6B1AD



A5B1B4



# Sweetspot

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



B7ACB0



EDE8EA



B3ACB7



787576



F7F7F7



787878



# Same Dimension

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



B7ACB0



EDDDE3



B7ADAC



5C5457



9C0039



1C000A



# Inverse Universe

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



B7ACB0



EDDDE3



ACB6B7



5C5457



9C0039

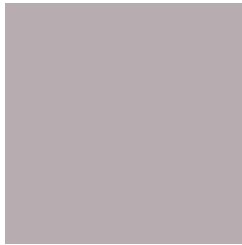


1C000A



# Previews

## White Background



This preview shows how the Hex color B7ACB0 looks on a white background.

## Color Contrast Check

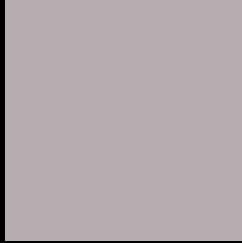
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B7ACB0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

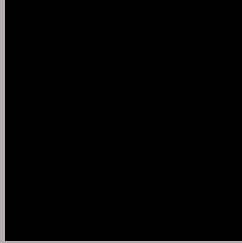
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

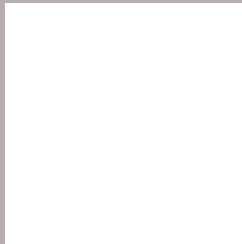
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7ACB0 Background



This preview shows how black text looks on a background with the Hex color B7ACB0.



This preview shows how white text looks on a background with the Hex color B7ACB0.

# 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](#).

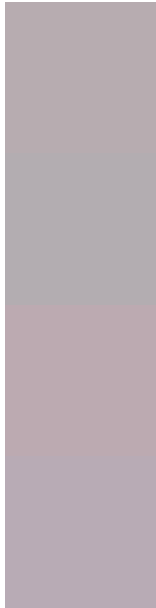
## Dichromacy





**Tritanopia**  
B8ABB8

# Trichromacy



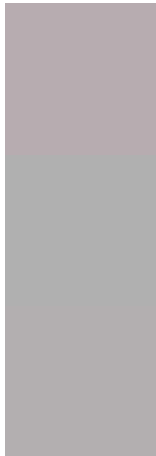
**Original Color**  
B7ACB0

**Protanomaly**  
B3ADB1

**Deuteranomaly**  
BCAAB1

**Tritanomaly**  
B8ABB5

# Monochromacy



**Original Color**  
B7ACB0

**Achromatopsia**  
B0B0B0

**Achromatomaly**  
B3AFB0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7ACB0 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 #B7ACB0 looks like.

```
.text, #text, p{  
    color:#B7ACB0  
}
```

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 #B7ACB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7ACB0
}
```

## Border

The CSS property to change the border of an element to Hex B7ACB0 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
#B7ACB0 }
```

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

```
.border{ border-color:#B7ACB0 }
```

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

Here you see how a box with a 4 pixel #B7ACB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7ACB0; -webkit-box-shadow:4px 4px  
4px 4px #B7ACB0; box-shadow:4px 4px 4px  
4px #B7ACB0 }
```

# Background

The CSS property to change the background color of an element to Hex B7ACB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7ACB0 }
```

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

```
.background{ background-color:#B7ACB0 }
```

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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