

# Converting Colors

Hex(B7ABB7)

Have a look what the booklet for  
Hex(B7ABB7) contains.

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# **Color**

**Hex(B7ABB7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7ABB7
RGB	183, 171, 183
RGB Percent	72%, 67%, 72%
CMY	0.2824, 0.3294, 0.2824
CMYK	0.00, 0.07, 0.00, 0.28
HSL	300°, 8%, 69%
HSV	300°, 7%, 72%
XYZ	42.6386, 42.6120, 50.7774
YIQ	175.9560, 3.3000, 6.2760

# Conversions

## Conversions Part 2

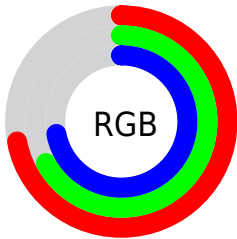
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 171, 183
Decimal	12037047
CIE Lab	71.29, 6.50, -4.59
CIE LCh	71, 7.964, 324.767
Yxy	42.6120, 0.3135, 0.3133
Android (android.graphics.Color)	4290227127 (0xFFB7ABB7)
YUV	175.9560, 3.4727, 6.1776
Hunter-Lab	65.2779, 2.3574, -0.4251

# Details

The Hex color **B7ABB7** is a light color, and the websafe version is hex **999999**. A complement of this color would be **ABB7AB**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **EFE2EF**, and **827782** is the 20% darker color. If you saturate the color by 10%, you get **B799B7**, and if you desaturate by 10%, it is **B7BDB7**.

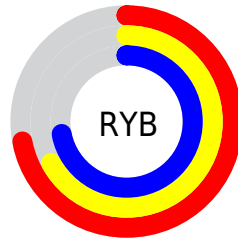
# Distribution



Red (72%)

Green (67%)

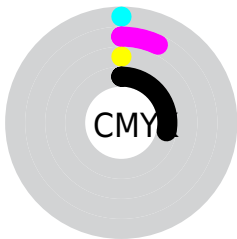
Blue (72%)



Red (72%)

Yellow (67%)

Blue (72%)

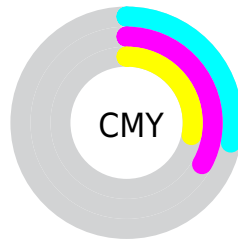


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7ABB7 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 B7ABB7 by changing the saturation by 10% instead.



 B7ABB7

 B7ABB7

FFFFFF

 9C909C

 EFE2EF

 827782

 695E69

 514751

 3A303A

 241B24

 0F000F

 000000

 B7ABB7

 B7ABB7

 B799B7

 B7BDB7

 B786B7

 B7D0B7

 B774B7

 B7E2B7

 B762B7

 B7F4B7

 B74FB7

 B7FFB7

 B73DB7

 B72BB7

 B719B7

 B706B7

# Harmonies

## Analogous

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



AFADBC



B7ABB7



BDAAB0

# Triad

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



B7ABB7



B6AEA0



9DB3B4

# Complementary

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



B7ABB7



ABB7AB

# 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.



9FB3AD



B7ABB7



AEBOA1

# Square

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



B7ABB7



BCABA3



A6B2A6



9FB2BA

# Rectangle

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



B7ABB7



BEAAAB



A6B2A6



9DB3B2



# Sweetspot

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



**B7ABB7**



**EDE8ED**



**ABABB7**



**787578**



**F7F7F7**



**787878**



# Same Dimension

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



B7ABB7



EDDAED



B7ABB1



5C535C



9C009C



1C001C



# Inverse Universe

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



B7ABB7



EDDAED



ABB7B1



5C535C



9C009C

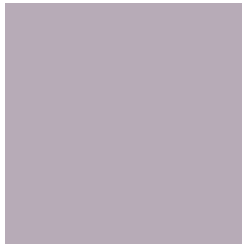


1C001C



# Previews

## White Background



This preview shows how the Hex color B7ABB7 looks on a white background.

## Color Contrast Check

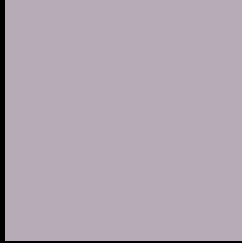
Large Text (above 18pt) WCAG AA × Fail

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 B7ABB7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

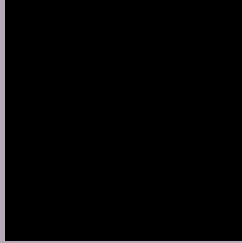
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B7ABB7 Background



This preview shows how black text looks on a background with the Hex color B7ABB7.



This preview shows how white text looks on a background with the Hex color B7ABB7.

# 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



**Original Color**  
B7ABB7

**Protanopia**  
AFAEB9

**Deuteranopia**  
BCA9B7



**Tritanopia**  
B7ABB8

# Trichromacy



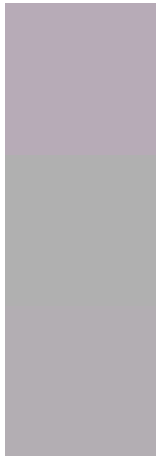
**Original Color**  
B7ABB7

**Protanomaly**  
B2ADB8

**Deuteranomaly**  
BAAAB7

**Tritanomaly**  
B7ABB8

# Monochromacy



**Original Color**  
B7ABB7

**Achromatopsia**  
B0B0B0

**Achromatomaly**  
B3AEB3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7ABB7 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 #B7ABB7 looks like.

```
.text, #text, p{  
    color:#B7ABB7  
}
```

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 #B7ABB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7ABB7  
}
```

## Border

The CSS property to change the border of an element to Hex B7ABB7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

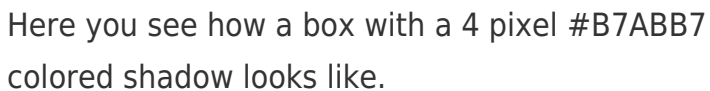
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B7ABB7 }
```

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

```
.border{ border-color:#B7ABB7 }
```

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



Here you see how a box with a 4 pixel #B7ABB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7ABB7; -webkit-box-shadow:4px 4px  
4px 4px #B7ABB7; box-shadow:4px 4px 4px  
4px #B7ABB7 }
```

# Background

The CSS property to change the background color of an element to Hex B7ABB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7ABB7 }
```

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

```
.background{ background-color:#B7ABB7 }
```

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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