

# Converting Colors

Hex(B0B7A2)

Have a look what the booklet for  
Hex(B0B7A2) contains.

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# **Color**

**Hex(B0B7A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0B7A2
RGB	176, 183, 162
RGB Percent	69%, 72%, 64%
CMY	0.3098, 0.2824, 0.3647
CMYK	0.04, 0.00, 0.11, 0.28
HSL	80°, 13%, 68%
HSV	80°, 11%, 72%
XYZ	41.3596, 45.7057, 40.8246
YIQ	178.5130, 2.5690, -8.0150

# Conversions

## Conversions Part 2

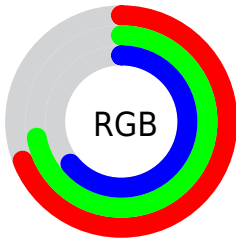
Format	Color
<a href="#">RYB</a>	<a href="#">162, 183, 169</a>
Decimal	<a href="#">11581346</a>
CIELab	<a href="#">73.35, -6.25, 9.84</a>
CIELCh	<a href="#">73, 11.661, 122.438</a>
Yxy	<a href="#">45.7057, 0.3234, 0.3574</a>
Android (android.graphics.Color)	<a href="#">4289771426</a> ( <a href="#">0xFFB0B7A2</a> )
YUV	<a href="#">178.5130, -8.1409, -2.2039</a>
Hunter-Lab	<a href="#">67.6060, -9.1089, 11.5213</a>

# Details

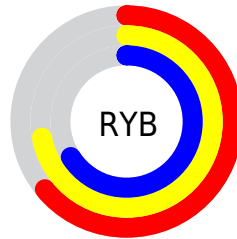
The Hex color **B0B7A2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **A9A2B7**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E8EFD9**, and **7B826E** is the 20% darker color. If you saturate the color by 10%, you get **AAB790**, and if you desaturate by 10%, it is **B6B7B4**.

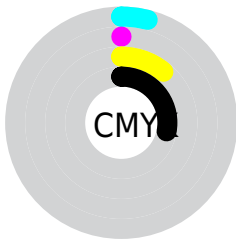
# Distribution



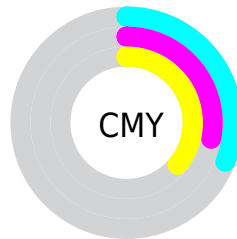
- Red (69%)
- Green (72%)
- Blue (64%)



- Red (64%)
- Yellow (72%)
- Blue (66%)



- Cyan (4%)
- Magenta (0%)
- Yellow (11%)
- Black (28%)



- Cyan (31%)
- Magenta (28%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0B7A2 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 B0B7A2 by changing the saturation by 10% instead.





B0B7A2



B0B7A2

FFFFFF



959C88



E8EFD9



7B826E



FFFFFF5



636956



4B513F



343A29



1F2414



031000



000000



B0B7A2



B0B7A2

 AAB790

 B6B7B4

 A4B77D

 BCB7C7

 9EB76B

 C2B7D9

 98B759

 C8B7EB

 92B747

 CFB7FD

 8BB734

 D5B7FF

 85B722

 DBB7FF

 7FB710

 E1B7FF

 7AB700

 E7B7FF

# Harmonies

## Analogous

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



BCB49F



B0B7A2



A4B9AA

# Triad

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



B0B7A2



9FB8C7



CAADB4

# Complementary

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



B0B7A2



A9A2B7

# 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.



C3AEBE



B0B7A2



AAB5C9

# Square

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



B0B7A2



99BABF



B7B1C6



CBAEA9

# Rectangle

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



B0B7A2



9EBAB1



B7B1C6



C8ADB7



# Sweetspot

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



B0B7A2



EBEDE6



B7A9A2



767873



F7F7F7



787878



# Same Dimension

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



B0B7A2



E2EDCC



A5B7A2



595C53



689C00



131C00



# Inverse Universe

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



A9A2B7



D7CCED



B4A2B7



56535C



34009C

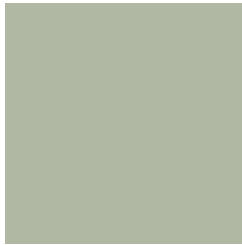


09001C



# Previews

## White Background



This preview shows how the Hex color B0B7A2 looks on a white background.

## Color Contrast Check

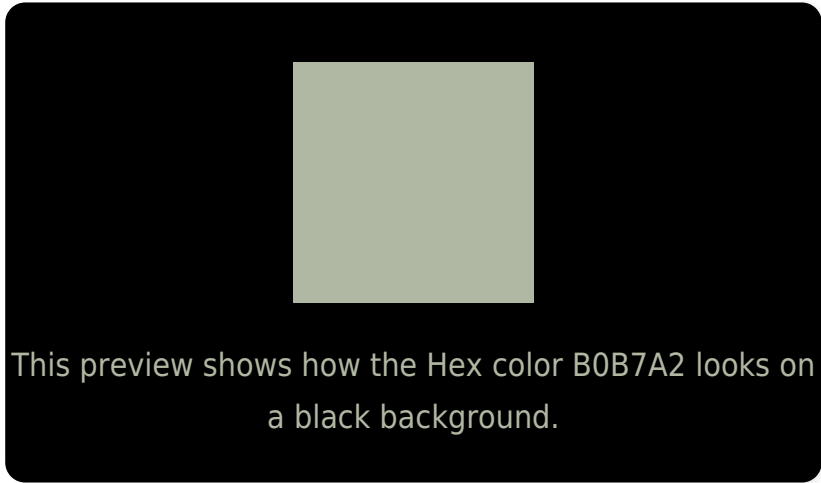
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

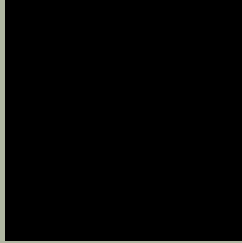
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

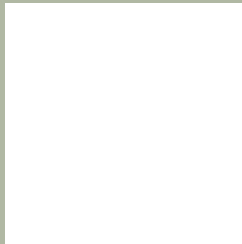
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0B7A2 Background



This preview shows how black text looks on a background with the Hex color B0B7A2.

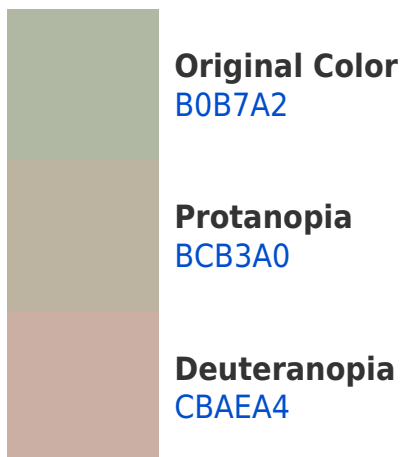


This preview shows how white text looks on a background with the Hex color B0B7A2.

# 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](#).

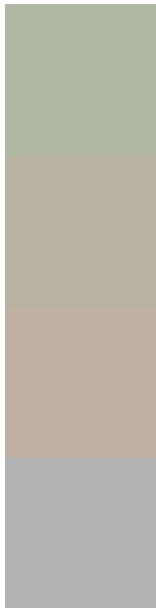
## Dichromacy





**Tritanopia**  
B5B3C1

# Trichromacy



**Original Color**  
B0B7A2

**Protanomaly**  
B8B4A1

**Deuteranomaly**  
C1B1A3

**Tritanomaly**  
B3B4B6

# Monochromacy



**Original Color**  
B0B7A2

**Achromatopsia**  
B3B3B3

**Achromatomaly**  
B2B4AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0B7A2 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 #B0B7A2 looks like.

```
.text, #text, p{  
    color:#B0B7A2  
}
```

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 #B0B7A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0B7A2
}
```

## Border

The CSS property to change the border of an element to Hex B0B7A2 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
#B0B7A2 }
```

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

```
.border{ border-color:#B0B7A2 }
```

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

Here you see how a box with a 4 pixel #B0B7A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0B7A2; -webkit-box-shadow:4px 4px  
4px 4px #B0B7A2; box-shadow:4px 4px 4px  
4px #B0B7A2 }
```

# Background

The CSS property to change the background color of an element to Hex B0B7A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0B7A2 }
```

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

```
.background{ background-color:#B0B7A2 }
```

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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