

# Converting Colors

Hex(B7B2AF)

Have a look what the booklet for  
Hex(B7B2AF) contains.

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# **Color**

**Hex(B7B2AF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7B2AF
RGB	183, 178, 175
RGB Percent	72%, 70%, 69%
CMY	0.2824, 0.3020, 0.3137
CMYK	0.00, 0.03, 0.04, 0.28
HSL	22°, 5%, 70%
HSV	22°, 4%, 72%
XYZ	43.1867, 45.0032, 46.9677
YIQ	179.1530, 3.9430, 0.1270

# Conversions

## Conversions Part 2

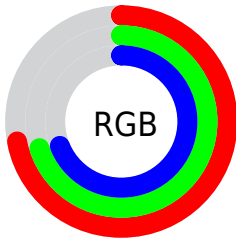
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">183, 180, 175</a>
Decimal	<a href="#">12038831</a>
CIELab	<a href="#">72.89, 1.23, 2.15</a>
CIELCh	<a href="#">73, 2.476, 60.269</a>
Yxy	<a href="#">45.0032, 0.3195, 0.3330</a>
Android (android.graphics.Color)	<a href="#">4290228911 (0xFFB7B2AF)</a>
YUV	<a href="#">179.1530, -2.0474, 3.3738</a>
Hunter-Lab	<a href="#">67.0844, -2.4855, 5.4485</a>

# Details

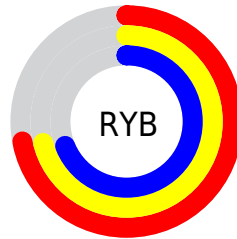
The Hex color **B7B2AF** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **AFB4B7**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **EFEAE6**, and **827D7B** is the 20% darker color. If you saturate the color by 10%, you get **B7A79D**, and if you desaturate by 10%, it is **B7BDC1**.

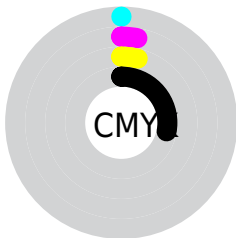
# Distribution



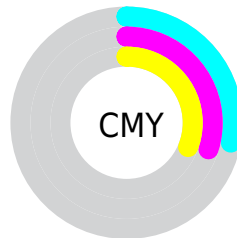
- Red (72%)
- Green (70%)
- Blue (69%)



- Red (72%)
- Yellow (71%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (28%)



- Cyan (28%)
- Magenta (30%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7B2AF 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 B7B2AF by changing the saturation by 10% instead.



■ B7B2AF

FFFFFF

■ EFEAE6

■ B7B2AF

■ 9C9794

■ 827D7B

■ 696462

■ 514D4A

■ 3A3633

■ 24211E

■ 0F0905

■ 000000

■ B7B2AF

■ B7B2AF

 B7A79D

 B7BDC1

 B79B8A

 B7C9D4

 B79078

 B7D4E6

 B78466

 B7E0F8

 B77954

 B7EBFF

 B76D41

 B7F7FF

 B7622F

 B7FFFF

 B7561D

 B74B0A

# Harmonies

## Analogous

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



B8B2B1



B7B2AF



B5B3AE

# Triad

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



B7B2AF



AEB4B3



B3B2B7

# Complementary

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



B7B2AF



AFB4B7

# 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.



**B1B3B7**



**B7B2AF**



**AEB4B5**

# Square

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



B7B2AF



B0B4B1



AFB4B7



B6B2B5

# Rectangle

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



B7B2AF



B3B3AF



AFB4B7



B3B3B7

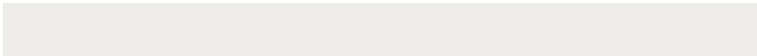


# Sweetspot

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



B7B2AF



EDECEB



B7AFB4



787777



F7F7F7



787878



# Same Dimension

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



B7B2AF



EDE6E1



B7B6AF



5C5856



9C3A00



1C0B00



# Inverse Universe

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



AFB4B7



E1E9ED



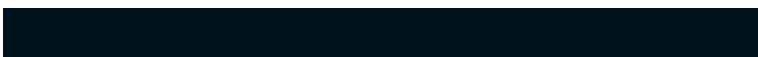
AFB0B7



565A5C



00619C



00121C



# Previews

## White Background



This preview shows how the Hex color B7B2AF looks on a white background.

## Color Contrast Check

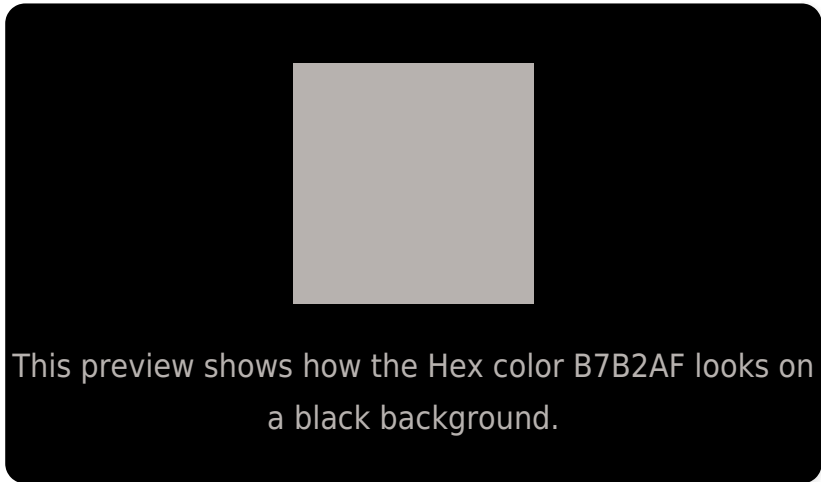
Large Text (above 18pt) WCAG AA × Fail

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

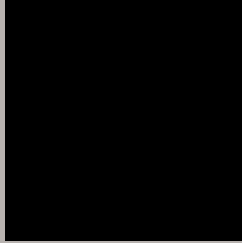
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

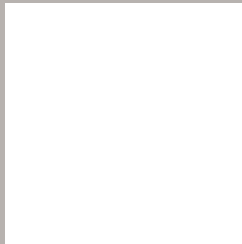
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7B2AF Background



This preview shows how black text looks on a background with the Hex color B7B2AF.




This preview shows how white text looks on a background with the Hex color B7B2AF.

# 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](#).

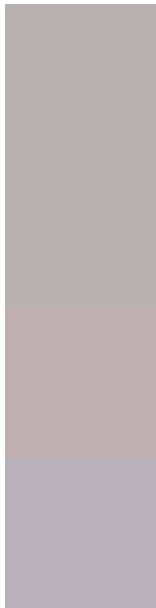
## Dichromacy





**Tritanopia**  
B9B0BE

# Trichromacy



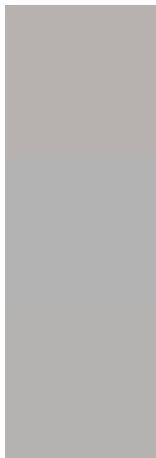
**Original Color**  
B7B2AF

**Protanomaly**  
B7B2AF

**Deuteranomaly**  
C0AFB0

**Tritanomaly**  
B8B1B9

# Monochromacy



**Original Color**  
B7B2AF

**Achromatopsia**  
B3B3B3

**Achromatomaly**  
B4B3B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7B2AF 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 #B7B2AF looks like.

```
.text, #text, p{  
    color:#B7B2AF  
}
```

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 #B7B2AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7B2AF
}
```

## Border

The CSS property to change the border of an element to Hex B7B2AF 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
#B7B2AF }
```

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

```
.border{ border-color:#B7B2AF }
```

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

Here you see how a box with a 4 pixel #B7B2AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7B2AF; -webkit-box-shadow:4px 4px  
4px 4px #B7B2AF; box-shadow:4px 4px 4px  
4px #B7B2AF }
```

# Background

The CSS property to change the background color of an element to Hex B7B2AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7B2AF }
```

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

```
.background{ background-color:#B7B2AF }
```

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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