

# Converting Colors

Hex(B7A8A7)

Have a look what the booklet for  
Hex(B7A8A7) contains.

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# **Color**

**Hex(B7A8A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B7A8A7
RGB	183, 168, 167
RGB Percent	72%, 66%, 65%
CMY	0.2824, 0.3412, 0.3451
CMYK	0.00, 0.08, 0.09, 0.28
HSL	4°, 10%, 69%
HSV	4°, 9%, 72%
XYZ	40.5061, 40.8626, 42.3116
YIQ	172.3710, 9.2610, 2.8690

# Conversions

## Conversions Part 2

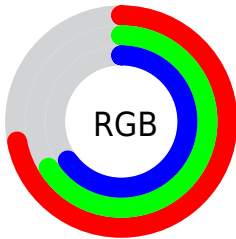
Format	Color
<a href="#">RYB</a>	<a href="#">183, 168, 167</a>
Decimal	<a href="#">12036263</a>
CIELab	<a href="#">70.08, 5.24, 2.47</a>
CIElCh	<a href="#">70, 5.787, 25.217</a>
Yxy	<a href="#">40.8626, 0.3275, 0.3304</a>
Android (android.graphics.Color)	<a href="#">4290226343</a> ( <a href="#">0xFFB7A8A7</a> )
YUV	<a href="#">172.3710, -2.6479, 9.3216</a>
Hunter-Lab	<a href="#">63.9238, 1.2420, 5.5023</a>

# Details

The Hex color **B7A8A7** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A7B6B7**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **EFDfDE**, and **827473** is the 20% darker color. If you saturate the color by 10%, you get **B79795**, and if you desaturate by 10%, it is **B7B9B9**.

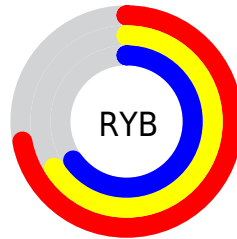
# Distribution



Red (72%)

Green (66%)

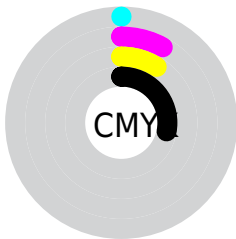
Blue (65%)



Red (72%)

Yellow (66%)

Blue (65%)

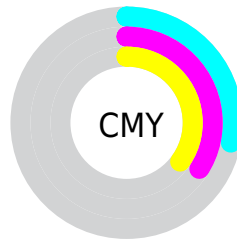


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (28%)



Cyan (28%)

Magenta (34%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7A8A7 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 B7A8A7 by changing the saturation by 10% instead.



 B7A8A7

 B7A8A7

FFFFFF

 9C8E8D

 EFDFDE

 827473

 FFFCFB

 695B5B

 514443

 3A2E2D

 241918

 0E0000

 000000

 B7A8A7

 B7A8A7

 B79795

 B7B9B9

 B78682

 B7CACC

 B77570

 B7DBDE

 B7635E

 B7EDF0

 B7524C

 B7FEFF

 B74139

 B7FFFF

 B73027

 B71F15

 B70E02

# Harmonies

## Analogous

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



B6A8AC



B7A8A7



B5A9A3

# Triad

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



B7A8A7



A5AEA5



A5ACB6

# Complementary

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



B7A8A7



A7B6B7

# 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.



A0ADB4



B7A8A7



A0AEAA

# Square

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



B7A8A7



ABACA2



9FAEB0



ABAAB5

# Rectangle

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



B7A8A7



B2AAA1



9FAEB0



A3ADB5

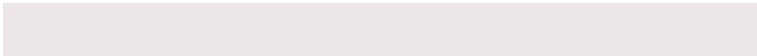


# Sweetspot

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



B7A8A7



EDE6E6



B7A7B6



787373



F7F7F7



787878



# Same Dimension

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



B7A8A7



EDD7D5



B7B0A7



5C5353



9C0A00



1C0200



# Inverse Universe

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



A7B6B7



D5ECED



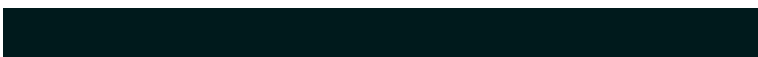
A7AEB7



535B5C



00929C

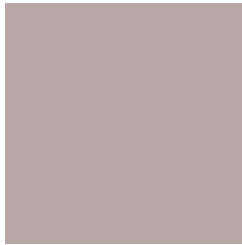


001A1C



# Previews

## White Background



This preview shows how the Hex color B7A8A7 looks on a white background.

## Color Contrast Check

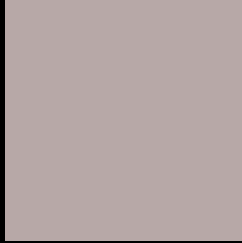
Large Text (above 18pt) WCAG AA × Fail

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 B7A8A7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

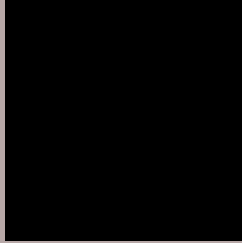
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B7A8A7 Background



This preview shows how black text looks on a background with the Hex color B7A8A7.



This preview shows how white text looks on a background with the Hex color B7A8A7.

# 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**  
B7A8A7

**Protanopia**  
AFABA8

**Deuteranopia**  
BDA6A7



**Tritanopia**  
B9A6B3

# Trichromacy



**Original Color**  
B7A8A7

**Protanomaly**  
B2AAA8

**Deuteranomaly**  
BBA7A7

**Tritanomaly**  
B8A7AF

# Monochromacy



**Original Color**  
B7A8A7

**Achromatopsia**  
ACACAC

**Achromatomaly**  
B0ABAA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7A8A7 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 #B7A8A7 looks like.

```
.text, #text, p{  
  color:#B7A8A7  
}
```

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 #B7A8A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7A8A7
}
```

## Border

The CSS property to change the border of an element to Hex B7A8A7 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
#B7A8A7 }
```

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

```
.border{ border-color:#B7A8A7 }
```

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

Here you see how a box with a 4 pixel #B7A8A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7A8A7; -webkit-box-shadow:4px 4px  
4px 4px #B7A8A7; box-shadow:4px 4px 4px  
4px #B7A8A7 }
```

# Background

The CSS property to change the background color of an element to Hex B7A8A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7A8A7 }
```

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

```
.background{ background-color:#B7A8A7 }
```

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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