

# Converting Colors

Hex(B7AA98)

Have a look what the booklet for  
Hex(B7AA98) contains.

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# **Color**

**Hex(B7AA98)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7AA98
RGB	183, 170, 152
RGB Percent	72%, 67%, 60%
CMY	0.2824, 0.3333, 0.4039
CMYK	0.00, 0.07, 0.17, 0.28
HSL	35°, 18%, 66%
HSV	35°, 17%, 72%
XYZ	39.5707, 41.0837, 35.5501
YIQ	171.8350, 13.5260, -2.8420

# Conversions

## Conversions Part 2

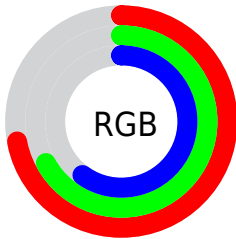
Format	Color
<a href="#">RYB</a>	<a href="#">174, 183, 152</a>
Decimal	<a href="#">12036760</a>
CIELab	<a href="#">70.23, 1.65, 10.96</a>
CIElCh	<a href="#">70, 11.086, 81.449</a>
Yxy	<a href="#">41.0837, 0.3405, 0.3535</a>
Android (android.graphics.Color)	<a href="#">4290226840 (0xFFB7AA98)</a>
YUV	<a href="#">171.8350, -9.7787, 9.7917</a>
Hunter-Lab	<a href="#">64.0966, -1.9703, 11.9834</a>

# Details

The Hex color **B7AA98** is a light color, and the websafe version is hex **999999**. A complement of this color would be **98A5B7**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **EFE1CE**, and **827665** is the 20% darker color. If you saturate the color by 10%, you get **B7A286**, and if you desaturate by 10%, it is **B7B2AA**.

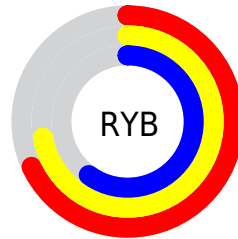
# Distribution



Red (72%)

Green (67%)

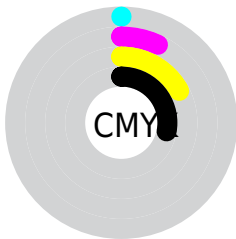
Blue (60%)



Red (68%)

Yellow (72%)

Blue (60%)

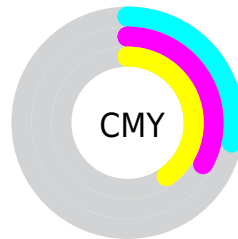


Cyan (0%)

Magenta (7%)

Yellow (17%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7AA98 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 B7AA98 by changing the saturation by 10% instead.





B7AA98



B7AA98

FFFFFF



9C907E



EFE1CE



827665



FFFEEA



685D4D



504636



392F21



231B0B



060000



000000



B7AA98



B7AA98

 B7A286

 B7B2AA

 B79B73

 B7B9BD

 B79361

 B7C1CF

 B78B4F

 B7C9E1

 B7843D

 B7D0F4

 B77C2A

 B7D8FF

 B77418

 B7E0FF

 B76D06

 B7E7FF

 B76A00

 B7EFFF

# Harmonies

## Analogous

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



BFA79C



B7AA98



ACAD99

# Triad

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



B7AA98



93B2B3



B6A7B8

# Complementary

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



B7AA98



98A5B7

# 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.



AAAABE



B7AA98



95B0BB

# Square

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



B7AA98



97B2A8



9EADB8



BFA5AF

# Rectangle

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



B7AA98



A4AF9C



9EADBF



B2A8BB



# Sweetspot

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



B7AA98



EDE8E1



B798A5



787571



F7F7F7



787878



# Same Dimension

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



B7AA98



EDD9BE



B5B798



5C5853



9C5A00



1C1000



# Inverse Universe

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



98A5B7



BED2ED



9A98B7



53565C



00419C

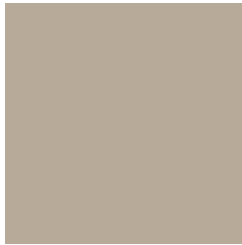


000C1C



# Previews

## White Background



This preview shows how the Hex color B7AA98 looks on a white background.

## Color Contrast Check

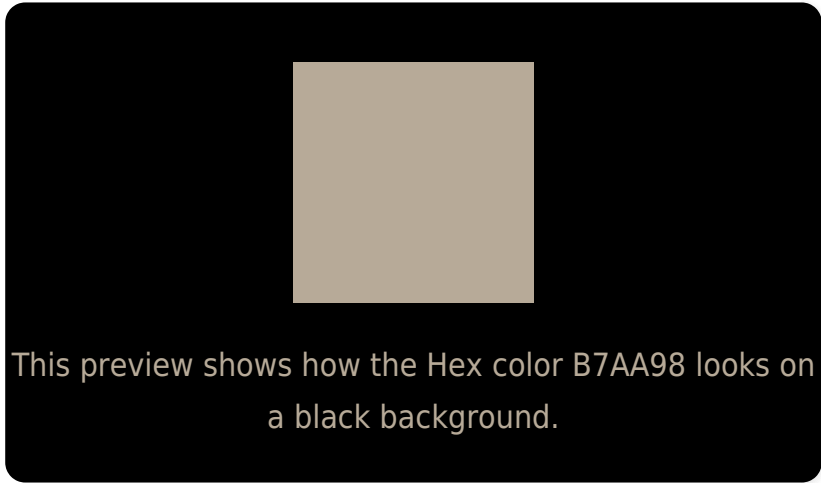
Large Text (above 18pt) WCAG AA × Fail

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

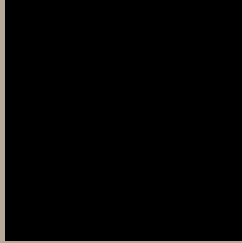
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B7AA98 Background



This preview shows how black text looks on a background with the Hex color B7AA98.



This preview shows how white text looks on a background with the Hex color B7AA98.

# 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**  
B7AA98

**Protanopia**  
B3AB99

**Deuteranopia**  
C3A699



# Trichromacy



**Original Color**  
B7AA98

**Protanomaly**  
B4AB99

**Deuteranomaly**  
BFA799

**Tritanomaly**  
BAA7A9

# Monochromacy



**Original Color**  
B7AA98

**Achromatopsia**  
ACACAC

**Achromatomaly**  
B0ABA5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7AA98 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 #B7AA98 looks like.

```
.text, #text, p{  
    color:#B7AA98  
}
```

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 #B7AA98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7AA98
}
```

## Border

The CSS property to change the border of an element to Hex B7AA98 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
#B7AA98 }
```

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

```
.border{ border-color:#B7AA98 }
```

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

Here you see how a box with a 4 pixel #B7AA98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7AA98; -webkit-box-shadow:4px 4px  
4px 4px #B7AA98; box-shadow:4px 4px 4px  
4px #B7AA98 }
```

# Background

The CSS property to change the background color of an element to Hex B7AA98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7AA98 }
```

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

```
.background{ background-color:#B7AA98 }
```

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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