

# Converting Colors

Hex(B4A798)

Have a look what the booklet for  
Hex(B4A798) contains.

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# **Color**

**Hex(B4A798)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4A798
RGB	180, 167, 152
RGB Percent	71%, 65%, 60%
CMY	0.2941, 0.3451, 0.4039
CMYK	0.00, 0.07, 0.16, 0.29
HSL	32°, 16%, 65%
HSV	32°, 16%, 71%
XYZ	38.3086, 39.6077, 35.3317
YIQ	169.1770, 12.5630, -1.9090

# Conversions

## Conversions Part 2

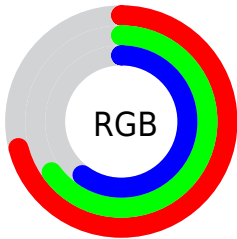
Format	Color
<a href="#">RYB</a>	<a href="#">176, 180, 152</a>
Decimal	<a href="#">11839384</a>
CIELab	<a href="#">69.19, 2.14, 9.44</a>
CIELCh	<a href="#">69, 9.683, 77.220</a>
Yxy	<a href="#">39.6077, 0.3383, 0.3497</a>
Android (android.graphics.Color)	<a href="#">4290029464</a> ( <a href="#">0xFFB4A798</a> )
YUV	<a href="#">169.1770, -8.4683, 9.4918</a>
Hunter-Lab	<a href="#">62.9347, -1.4820, 10.7687</a>

# Details

The Hex color **B4A798** is a light color, and the websafe version is hex **999999**. A complement of this color would be **98A5B4**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **ECDECE**, and **7F7365** is the 20% darker color. If you saturate the color by 10%, you get **B49F86**, and if you desaturate by 10%, it is **B4AFAA**.

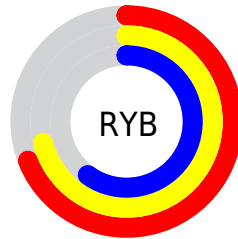
# Distribution



Red (71%)

Green (65%)

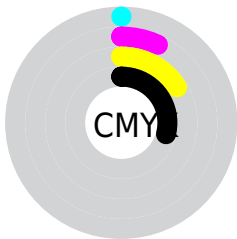
Blue (60%)



Red (69%)

Yellow (71%)

Blue (60%)

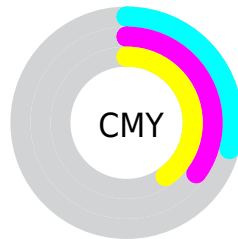


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4A798 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 B4A798 by changing the saturation by 10% instead.





B4A798



B4A798

FFFFFF



998D7E



ECDECE



7F7365



FFFBEA



665B4D



4E4336



372D21



21180B



000000



B4A798



B4A798



B49F86



B4AFAA

 B49674

 B4B8BC

 B48E62

 B4C0CE

 B48650

 B4C8E0

 B47D3E

 B4D1F2

 B4752C

 B4D9FF

 B46C1A

 B4E2FF

 B46408

 B4EAFB

 B46000

 B4F2FF

# Harmonies

## Analogous

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



BAA49C



B4A798



ABAA98

# Triad

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



B4A798



93AEAE



B1A5B5

# Complementary

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



B4A798



98A5B4

# 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.



A6A8BA



B4A798



95ADB5

# Square

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



B4A798



98AEA5



9CABBA



B9A3AD

# Rectangle

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



B4A798



A4AC9B



9CABBA



ADA6B7

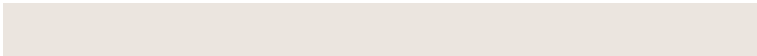


# Sweetspot

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



B4A798



EBE5DF



B498A5



75726E



F5F5F5



757575



# Same Dimension

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



B4A798



EBD6BE



B3B498



595550



995200



1A0E00



# Inverse Universe

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



98A5B4



BED3EB



9998B4



505459



004799

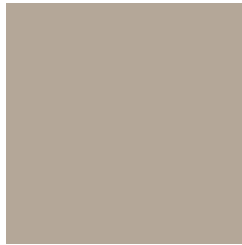


000C1A



# Previews

## White Background



This preview shows how the Hex color B4A798 looks on a white background.

## Color Contrast Check

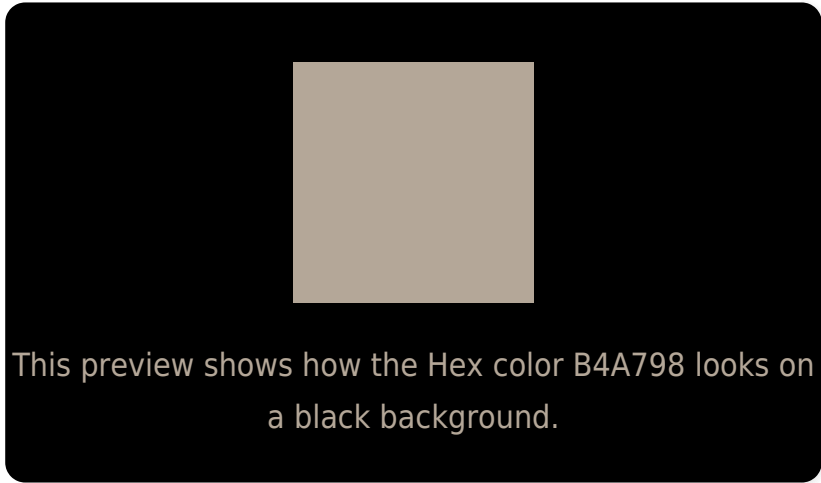
Large Text (above 18pt) WCAG AA × Fail

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

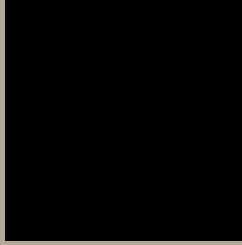
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

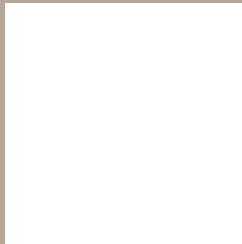
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4A798 Background



This preview shows how black text looks on a background with the Hex color B4A798.



This preview shows how white text looks on a background with the Hex color B4A798.

# 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**

B4A798

**Protanopia**

B0A899

**Deuteranopia**

BFA399



**Tritanopia**  
B7A3B0

# Trichromacy



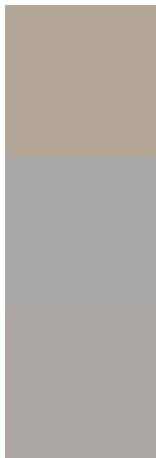
**Original Color**  
B4A798

**Protanomaly**  
B1A899

**Deuteranomaly**  
BBA499

**Tritanomaly**  
B6A4A7

# Monochromacy



**Original Color**  
B4A798

**Achromatopsia**  
A9A9A9

**Achromatomaly**  
ADA8A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4A798 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 #B4A798 looks like.

```
.text, #text, p{  
    color:#B4A798  
}
```

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 #B4A798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4A798
}
```

## Border

The CSS property to change the border of an element to Hex B4A798 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
#B4A798 }
```

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

```
.border{ border-color:#B4A798 }
```

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

Here you see how a box with a 4 pixel #B4A798 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4A798; -webkit-box-shadow:4px 4px  
4px 4px #B4A798; box-shadow:4px 4px 4px  
4px #B4A798 }
```

# Background

The CSS property to change the background color of an element to Hex B4A798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4A798 }
```

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

```
.background{ background-color:#B4A798 }
```

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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