

# Converting Colors

Hex(B99B7A)

Have a look what the booklet for  
Hex(B99B7A) contains.

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**Color**

**Hex(B99B7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B99B7A
RGB	185, 155, 122
RGB Percent	73%, 61%, 48%
CMY	0.2745, 0.3922, 0.5216
CMYK	0.00, 0.16, 0.34, 0.27
HSL	31°, 31%, 60%
HSV	31°, 34%, 73%
XYZ	35.2418, 35.1621, 23.3419
YIQ	160.2080, 28.4730, -3.9030

# Conversions

## Conversions Part 2

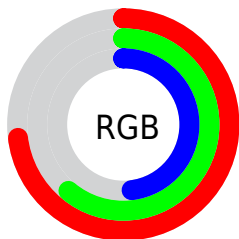
Format	Color
<a href="#">RYB</a>	<a href="#">179, 185, 122</a>
Decimal	<a href="#">12163962</a>
CIELab	<a href="#">65.87, 6.30, 21.46</a>
CIELCh	<a href="#">66, 22.370, 73.649</a>
Yxy	<a href="#">35.1621, 0.3759, 0.3751</a>
Android (android.graphics.Color)	<a href="#">4290354042 (0xFFB99B7A)</a>
YUV	<a href="#">160.2080, -18.8365, 21.7426</a>
Hunter-Lab	<a href="#">59.2977, 2.3152, 18.1695</a>

# Details

The Hex color **B99B7A** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7A98B9**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **F2D1AF**, and **836849** is the 20% darker color. If you saturate the color by 10%, you get **B99268**, and if you desaturate by 10%, it is **B9A48D**.

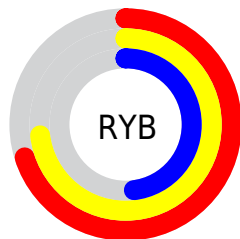
# Distribution



Red (73%)

Green (61%)

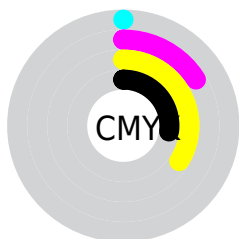
Blue (48%)



Red (70%)

Yellow (73%)

Blue (48%)

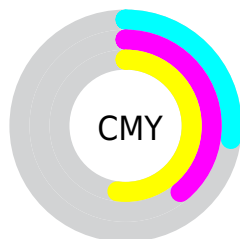


Cyan (0%)

Magenta (16%)

Yellow (34%)

Black (27%)



Cyan (27%)

Magenta (39%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B99B7A 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 B99B7A by changing the saturation by 10% instead.



 B99B7A

 B99B7A

FFFFFF

 9E8161

 F2D1AF

 836849

 FFEECA

 695032

 FFFFE6

 50391D

 382405

 210F00

 000000

 B99B7A

 B99B7A

 B99268

 B9A48D

 B98955

 B9AD9F

 B98143

 B9B5B2

 B97830

 B9BEC4

 B96F1E

 B9C7D6

 B9660B

 B9D0E9

 B96100

 B9D9FC

 B9E1FF

 B9EAFF

# Harmonies

## Analogous

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



C69585



B99B7A



A6A279

# Triad

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



B99B7A



69ABA9



AF98BD

# Complementary

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



B99B7A



7A98B9

# 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.



959FC7



B99B7A



68AABB

# Square

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



B99B7A



79AB94



7AA5C6



C193AC

# Rectangle

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



B99B7A



97A67E



7AA5C6



A69AC1

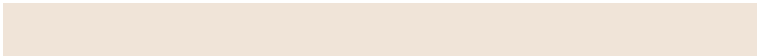


# Sweetspot

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



B99B7A



F0E4D8



B97A98



787169



F7F7F7



787878



# Same Dimension

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



B99B7A



F0C18D



B8B97A



5C5753



9C5100



1C0F00



# Inverse Universe

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



7A98B9



8DBCFO



7B7AB9



53575C



004A9C

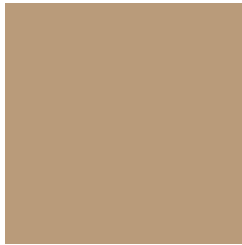


000D1C



# Previews

## White Background



This preview shows how the Hex color B99B7A looks on a white background.

## Color Contrast Check

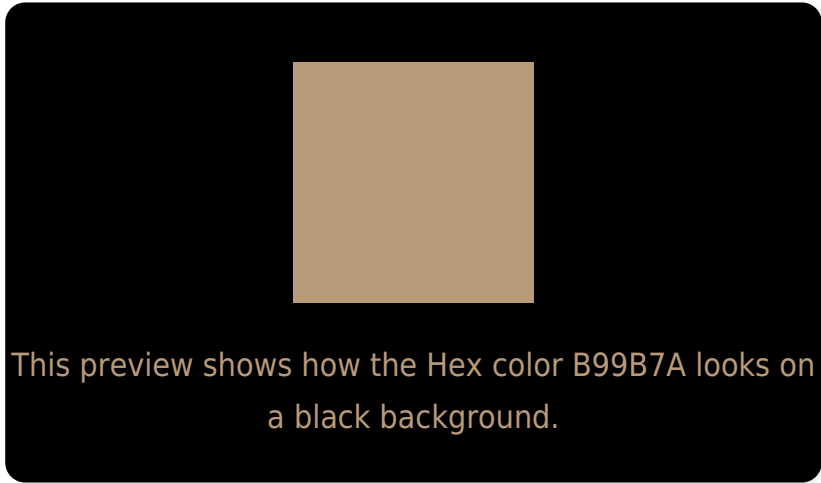
Large Text (above 18pt) WCAG AA × Fail

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

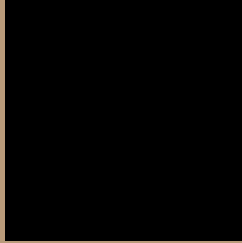
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B99B7A Background



This preview shows how black text looks on a background with the Hex color B99B7A.

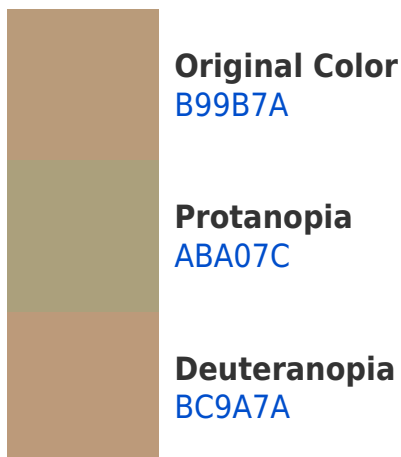



This preview shows how white text looks on a background with the Hex color B99B7A.

# 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



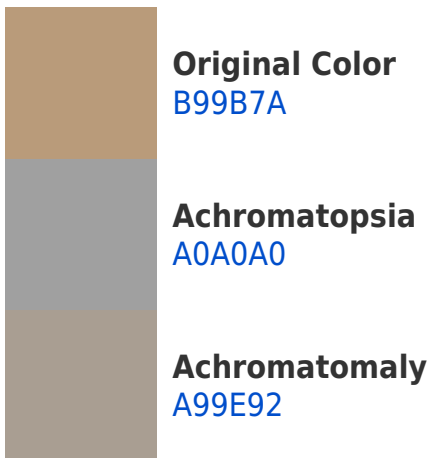


**Tritanopia**  
BD96A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B99B7A 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 #B99B7A looks like.

```
.text, #text, p{  
    color:#B99B7A  
}
```

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 #B99B7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B99B7A
}
```

## Border

The CSS property to change the border of an element to Hex B99B7A 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
#B99B7A }
```

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

```
.border{ border-color:#B99B7A }
```

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

Here you see how a box with a 4 pixel #B99B7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B99B7A; -webkit-box-shadow:4px 4px  
4px 4px #B99B7A; box-shadow:4px 4px 4px  
4px #B99B7A }
```

# Background

The CSS property to change the background color of an element to Hex B99B7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B99B7A }
```

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

```
.background{ background-color:#B99B7A }
```

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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