

# Converting Colors

Hex(B98995)

Have a look what the booklet for  
Hex(B98995) contains.

<b>Hex(B98995)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B98995)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">B98995</a>
RGB	<a href="#">185, 137, 149</a>
RGB Percent	<a href="#">73%, 54%, 58%</a>
CMY	<a href="#">0.2745, 0.4627, 0.4157</a>
CMYK	<a href="#">0.00, 0.26, 0.19, 0.27</a>
HSL	<a href="#">345°, 26%, 63%</a>
HSV	<a href="#">345°, 26%, 73%</a>
XYZ	<a href="#">34.3781, 30.3755, 32.4849</a>
YIQ	<a href="#">152.7200, 24.7560, 13.9080</a>

# Conversions

## Conversions Part 2

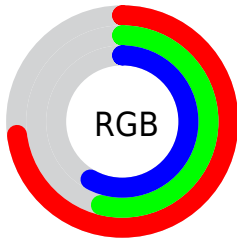
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 137, 149
Decimal	12159381
CIE <sub>Lab</sub>	61.98, 20.14, 0.80
CIE <sub>LCh</sub>	62, 20.155, 2.282
Yxy	30.3755, 0.3535, 0.3124
Android (android.graphics.Color)	4290349461 (0xFFB98995)
YUV	152.7200, -1.8340, 28.3096
Hunter-Lab	55.1140, 14.8921, 3.6335

# Details

The Hex color **B98995** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **89B9AD**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **F2BFCB**, and **835762** is the 20% darker color. If you saturate the color by 10%, you get **B97687**, and if you desaturate by 10%, it is **B99BA3**.

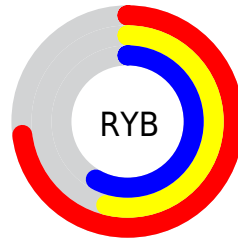
# Distribution



Red (73%)

Green (54%)

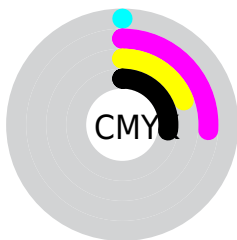
Blue (58%)



Red (73%)

Yellow (54%)

Blue (58%)

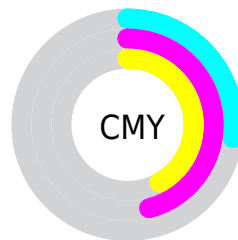


Cyan (0%)

Magenta (26%)

Yellow (19%)

Black (27%)



Cyan (27%)

Magenta (46%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B98995 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 B98995 by changing the saturation by 10% instead.



 B98995

 B98995

FFFFFF

 9E6F7B

 F2BFCB

 835762

 FFD8E7

 693F4B

 FFF7FF

 502834

 38131F

 250006

 000000

 B98995

 B98995

 B97687

 B99BA3

 B96479

 B9AEB1

 B9516B

 B9C1BF

 B93F5E

 B9D3CD

 B92D50

 B9E5DA

 B91A42

 B9F8E8

 B90734

 B9FFF6

 B9002E

 B9FFFF

# Harmonies

## Analogous

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



AE8BA7



B98995



BA8A83

# Triad

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



B98995



8E9A77



6D9CB5

# Complementary

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



B98995



89B9AD

# 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.



639FA8



B98995



7A9E85

# Square

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



B98995



A29572



69A097



8297B9

# Rectangle

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



B98995



B58D7A



69A097



689DB1



# Sweetspot

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



B98995



F0DDE1



AD89B9



786C6F



F7F7F7



787878



# Same Dimension

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



B98995



F0A5B8



B99589



5C5355



9C0027



1C0007



# Inverse Universe

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



B98995



F0A5B8



89ADB9



5C5355



9C0027

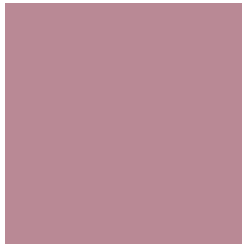


1C0007



# Previews

## White Background



This preview shows how the Hex color B98995 looks on a white background.

## Color Contrast Check

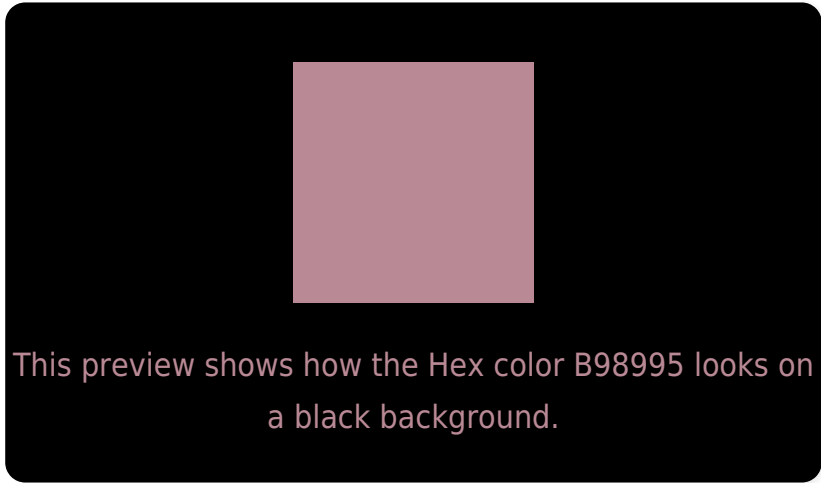
Large Text (above 18pt) WCAG AA × Fail

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

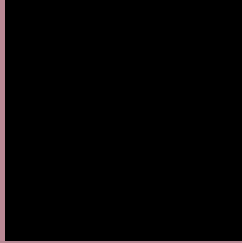
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B98995 Background



This preview shows how black text looks on a background with the Hex color B98995.

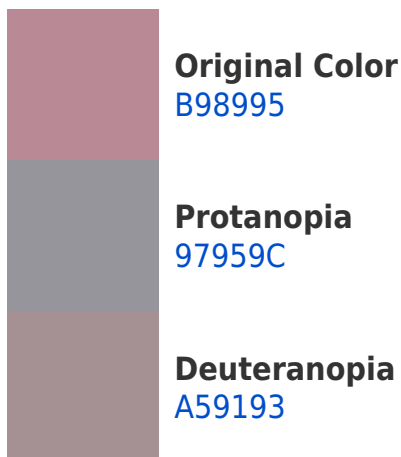


This preview shows how white text looks on a background with the Hex color B98995.

# 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**  
B98994

# Trichromacy



**Original Color**  
B98995

**Protanomaly**  
A39199

**Deuteranomaly**  
AC8E94

**Tritanomaly**  
B98994

# Monochromacy



**Original Color**  
B98995

**Achromatopsia**  
999999

**Achromatomaly**  
A59398

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B98995 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 #B98995 looks like.

```
.text, #text, p{  
    color:#B98995  
}
```

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 #B98995 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B98995
}
```

## Border

The CSS property to change the border of an element to Hex B98995 is called "border". The border property can be set on classes, ids or directly on the HTML element.

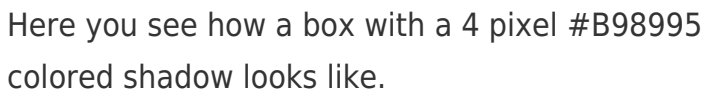
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B98995 }
```

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

```
.border{ border-color:#B98995 }
```

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



Here you see how a box with a 4 pixel #B98995 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B98995; -webkit-box-shadow:4px 4px  
4px 4px #B98995; box-shadow:4px 4px 4px  
4px #B98995 }
```

# Background

The CSS property to change the background color of an element to Hex B98995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B98995 }
```

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

```
.background{ background-color:#B98995 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor