

# Converting Colors

Hex(BBBD9A)

Have a look what the booklet for  
Hex(BBBD9A) contains.

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# **Color**

**Hex(BBBD9A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBBD9A
RGB	187, 189, 154
RGB Percent	73%, 74%, 60%
CMY	0.2667, 0.2588, 0.3961
CMYK	0.01, 0.00, 0.19, 0.26
HSL	63°, 21%, 67%
HSV	63°, 19%, 74%
XYZ	44.5238, 49.2931, 37.7397
YIQ	184.4120, 10.0430, -11.3090

# Conversions

## Conversions Part 2

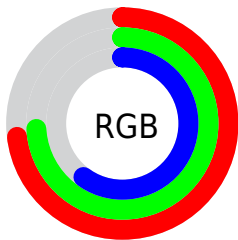
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">154, 189, 156</a>
Decimal	<a href="#">12303770</a>
<a href="#">CIELab</a>	<a href="#">75.63, -6.65, 17.50</a>
<a href="#">CIELCh</a>	<a href="#">76, 18.721, 110.815</a>
<a href="#">Yxy</a>	<a href="#">49.2931, 0.3384, 0.3747</a>
Android (android.graphics.Color)	<a href="#">4290493850 (0xFFBBBD9A)</a>
<a href="#">YUV</a>	<a href="#">184.4120, -14.9931, 2.2697</a>
<a href="#">Hunter-Lab</a>	<a href="#">70.2090, -9.6680, 17.2760</a>




# Details

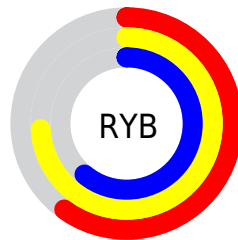
The Hex color **BBBD9A** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9C9ABD**, and the grayscale version is **B9B9B9**.




A 20% lighter version of the original color is **F3F5D0**, and **868867** is the 20% darker color. If you saturate the color by 10%, you get **BABD87**, and if you desaturate by 10%, it is **BCBDAD**.

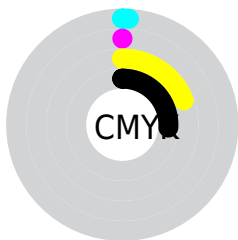
# Distribution







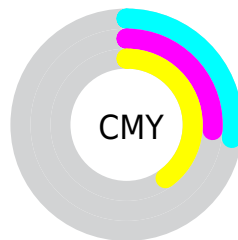
-  Red (73%)
-  Green (74%)
-  Blue (60%)






-  Red (60%)
-  Yellow (74%)
-  Blue (61%)



-  Cyan (1%)
-  Magenta (0%)
-  Yellow (19%)
-  Black (26%)



-  Cyan (27%)
-  Magenta (26%)
-  Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBBD9A 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 BBBD9A by changing the saturation by 10% instead.





BBBD9A



BBBD9A

FFFFFF



A0A280



F3F5D0



868867



FFFFED



6C6E4F



545638



3C3F22



26290C



0E1500



000000



BBBD9A



BBBD9A

 BABD87

 BCBDAD

 B9BD74

 BDBDC0

 B8BD61

 BEBDD3

 B7BD4E

 BFBDE6

 B6BD3B

 C0BDF9

 B5BD29

 C1BDFE

 B3BD16

 C3BDFE

 B2BD03

 C4BDFE

 B2BD00

 C5BDFE

# Harmonies

## Analogous

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



CDB799



BBBD9A



A7C2A4

# Triad

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



BBBD9A



90C2D4



DAAFC0

# Complementary

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



BBBD9A



9C9ABD

# 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.



CCB2D0



BBBD9A



A0BEDC

# Square

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



BBBD9A



8DC4C6



B7B8DA



DFAFAF

# Rectangle

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



BBBD9A



9BC3AE



B7B8DA



D6B0C6



# Sweetspot

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



BBBD9A



F4F5E6



BD9C9A



7A7A72



FAFafa



7A7A7A



# Same Dimension

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



BBBD9A



F2F5BF



AABD9A



5E5E55



959E00



1D1F00



# Inverse Universe

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



9C9ABD



C2BFF5



AD9ABD



55555E



09009E



02001F



# Previews

## White Background



This preview shows how the Hex color BBBD9A looks on a white background.

## Color Contrast Check

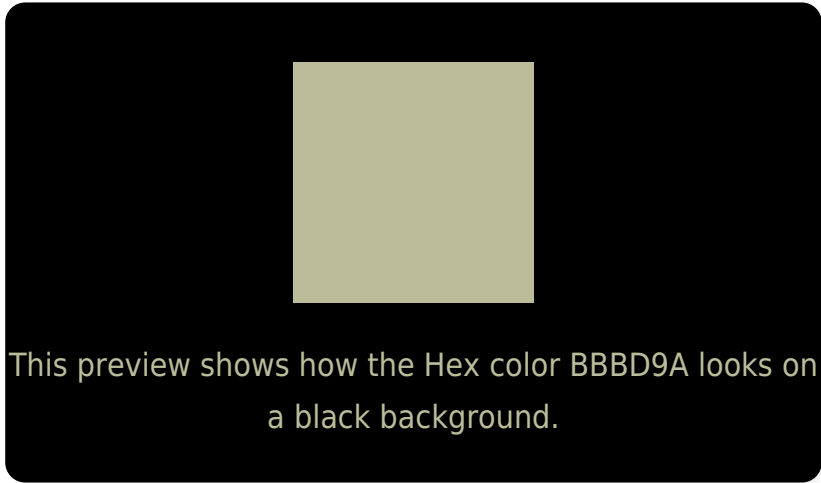
Large Text (above 18pt) WCAG AA × Fail

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

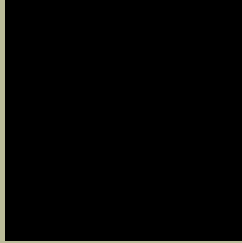
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

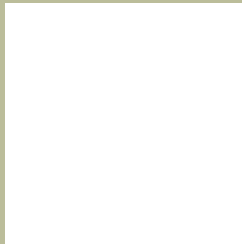
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBBD9A Background



This preview shows how black text looks on a background with the Hex color BBBD9A.

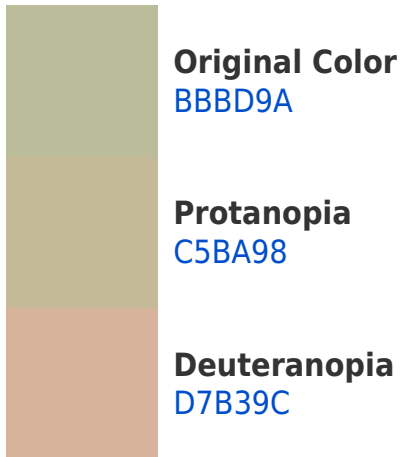


This preview shows how white text looks on a background with the Hex color BBBD9A.

# 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



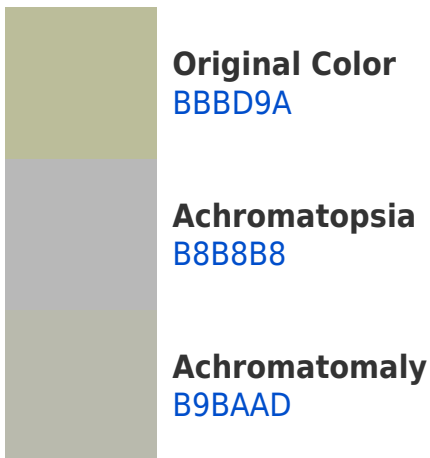


**Tritanopia**  
C1B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBBD9A 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 #BBBD9A looks like.

```
.text, #text, p{  
    color:#BBBD9A  
}
```

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 #BBBD9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBBD9A
}
```

## Border

The CSS property to change the border of an element to Hex BBBD9A 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
#BBBD9A }
```

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

```
.border{ border-color:#BBBD9A }
```

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

Here you see how a box with a 4 pixel #BBBD9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBBD9A; -webkit-box-shadow:4px 4px  
4px 4px #BBBD9A; box-shadow:4px 4px 4px  
4px #BBBD9A }
```

# Background

The CSS property to change the background color of an element to Hex BBBD9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBBD9A }
```

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

```
.background{ background-color:#BBBD9A }
```

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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