

# Converting Colors

Hex(BD8DA9)

Have a look what the booklet for  
Hex(BD8DA9) contains.

<b>Hex(BD8DA9)</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(BD8DA9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD8DA9
RGB	189, 141, 169
RGB Percent	74%, 55%, 66%
CMY	0.2588, 0.4471, 0.3373
CMYK	0.00, 0.25, 0.11, 0.26
HSL	325°, 27%, 65%
HSV	325°, 25%, 74%
XYZ	37.6726, 32.7331, 41.8687
YIQ	158.5440, 19.6200, 18.8840

# Conversions

## Conversions Part 2

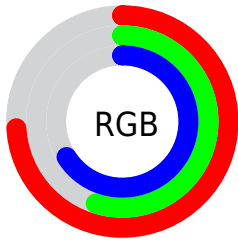
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 141, 169
Decimal	12422569
CIELab	63.94, 22.69, -7.60
CIElCh	64, 23.933, 341.482
Yxy	32.7331, 0.3355, 0.2915
Android (android.graphics.Color)	4290612649 (0xFFBD8DA9)
YUV	158.5440, 5.1548, 26.7099
Hunter-Lab	57.2129, 17.4131, -3.3397

# Details

The Hex color **BD8DA9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8DBDA1**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **F6C3E0**, and **875A75** is the 20% darker color. If you saturate the color by 10%, you get **BD7AA1**, and if you desaturate by 10%, it is **BDA0B1**.

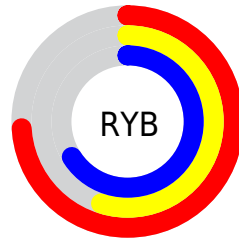
# Distribution



Red (74%)

Green (55%)

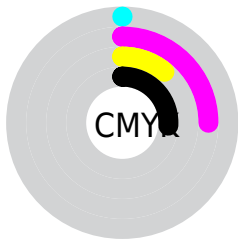
Blue (66%)



Red (74%)

Yellow (55%)

Blue (66%)

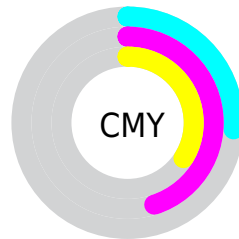


Cyan (0%)

Magenta (25%)

Yellow (11%)

Black (26%)



Cyan (26%)

Magenta (45%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD8DA9 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 BD8DA9 by changing the saturation by 10% instead.



 BD8DA9

 BD8DA9

FFFFFF

 A2738F

 F6C3E0

 875A75

 FFDFFD

 6D425C

 FFFCFF

 542B45

 3C152E

 27001A

 000000

 BD8DA9

 BD8DA9

 BD7AA1

 BDA0B1

 BD6799

 BDB3B9

 BD5491

 BDC6C1

 BD418A

 BDD9C9

 BD2F82

 BDECD0

 BD1C7A

 BDFED8

 BD0972

 BDFFE0

 BD006E

 BDFFE8

 BDFFF0

# Harmonies

## Analogous

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



A993BB



BD8DA9



C68B93

# Triad

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



BD8DA9



A29C71



5DA5B6

# Complementary

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



BD8DA9



8DBDA1

# 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.



60A7A3



BD8DA9



8AA27A

# Square

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



BD8DA9



B69573



72A68D



6FA1C3

# Rectangle

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



BD8DA9



C58D86



72A68D



5BA6B0



# Sweetspot

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



BD8DA9



F5E1ED



A18DBD



7A6E75



FAFAFA



7A7A7A



# Same Dimension

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



BD8DA9



F5ABD6



BD8D91



5E555A



9E005C



1F0012



# Inverse Universe

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



BD8DA9



F5ABD6



8DBDB9



5E555A



9E005C

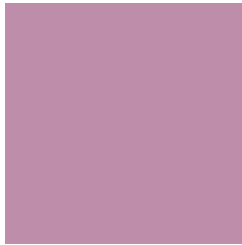


1F0012



# Previews

## White Background



This preview shows how the Hex color BD8DA9 looks on a white background.

## Color Contrast Check

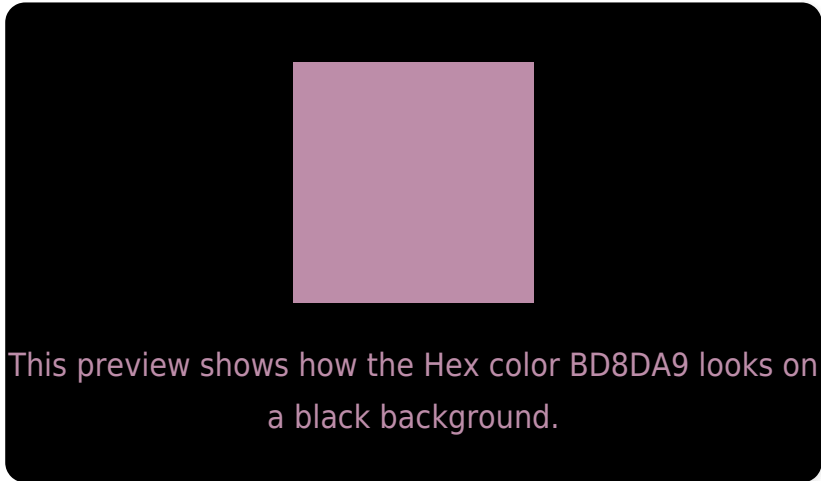
Large Text (above 18pt) WCAG AA × Fail

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

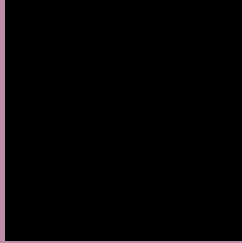
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BD8DA9 Background



This preview shows how black text looks on a background with the Hex color BD8DA9.



This preview shows how white text looks on a background with the Hex color BD8DA9.

# 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**  
BD8DA9

**Protanopia**  
979AB1

**Deuteranopia**  
A597A7



**Tritanopia**  
BB8F9B

# Trichromacy



**Original Color**  
BD8DA9

**Protanomaly**  
A595AE

**Deuteranomaly**  
AE93A8

**Tritanomaly**  
BC8EA0

# Monochromacy



**Original Color**  
BD8DA9

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
AA98A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD8DA9 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 #BD8DA9 looks like.

```
.text, #text, p{  
    color:#BD8DA9  
}
```

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 #BD8DA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD8DA9
}
```

## Border

The CSS property to change the border of an element to Hex BD8DA9 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
#BD8DA9 }
```

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

```
.border{ border-color:#BD8DA9 }
```

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

Here you see how a box with a 4 pixel #BD8DA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD8DA9; -webkit-box-shadow:4px 4px  
4px 4px #BD8DA9; box-shadow:4px 4px 4px  
4px #BD8DA9 }
```

# Background

The CSS property to change the background color of an element to Hex BD8DA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD8DA9 }
```

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

```
.background{ background-color:#BD8DA9 }
```

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