

# Converting Colors

Hex(BD8AA4)

Have a look what the booklet for  
Hex(BD8AA4) contains.

<b>Hex(BD8AA4)</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(BD8AA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD8AA4
RGB	189, 138, 164
RGB Percent	74%, 54%, 64%
CMY	0.2588, 0.4588, 0.3569
CMYK	0.00, 0.27, 0.13, 0.26
HSL	329°, 28%, 64%
HSV	329°, 27%, 74%
XYZ	36.7756, 31.6761, 39.2978
YIQ	156.2130, 22.0500, 18.8980

# Conversions

## Conversions Part 2

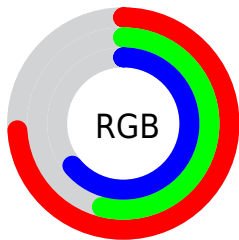
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 138, 164
Decimal	12421796
CIE Lab	63.07, 23.51, -6.06
CIE LCh	63, 24.275, 345.540
Yxy	31.6761, 0.3413, 0.2940
Android (android.graphics.Color)	4290611876 (0xFFBD8AA4)
YUV	156.2130, 3.8390, 28.7542
Hunter-Lab	56.2815, 18.1431, -2.0013

# Details

The Hex color **BD8AA4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8ABDA3**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **F6C0DB**, and **875770** is the 20% darker color. If you saturate the color by 10%, you get **BD779B**, and if you desaturate by 10%, it is **BD9DAD**.

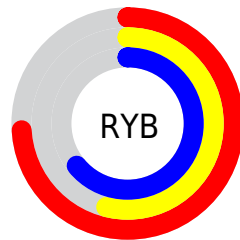
# Distribution



Red (74%)

Green (54%)

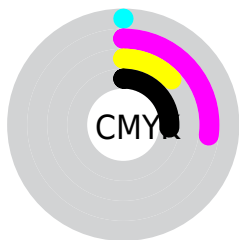
Blue (64%)



Red (74%)

Yellow (54%)

Blue (64%)

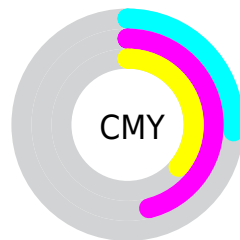


Cyan (0%)

Magenta (27%)

Yellow (13%)

Black (26%)



Cyan (26%)

Magenta (46%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD8AA4 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 BD8AA4 by changing the saturation by 10% instead.



 BD8AA4

 BD8AA4

FFFFFF

 A2708A

 F6C0DB

 875770

 FFDCF7

 6D4058

 FFF8FF

 542941

 3C122B

 270016

 000000

 BD8AA4

 BD8AA4

 BD779B

 BD9DAD

 BD6491

 BDB0B7

 BD5188

 BDC3C0

 BD3E7F

 BDD6C9

 BD2B76

 BDE9D2

 BD196C

 BDFBDC

 BD0663

 BDFFE5

 BD0060

 BDFFEE

 BDFFF7

# Harmonies

## Analogous

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



AA8FB7



BD8AA4



C4898E

# Triad

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



BD8AA4



9D9B6F



5BA3B7

# Complementary

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



BD8AA4



8ABDA3

# 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.



5BA5A3



BD8AA4



84A17A

# Square

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



BD8AA4



B2946F



6CA48D



6F9EC2

# Rectangle

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



BD8AA4



C38B81



6CA48D



58A4B1



# Sweetspot

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



BD8AA4



F5E1EB



A38ABD



7A6E74



FAFAFA



7A7A7A



# Same Dimension

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



BD8AA4



F5A6CE



BD8A8B



5E555A



9E0051



1F0010



# Inverse Universe

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



BD8AA4



F5A6CE



8ABDBC



5E555A



9E0051

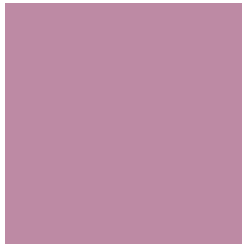


1F0010



# Previews

## White Background



This preview shows how the Hex color BD8AA4 looks on a white background.

## Color Contrast Check

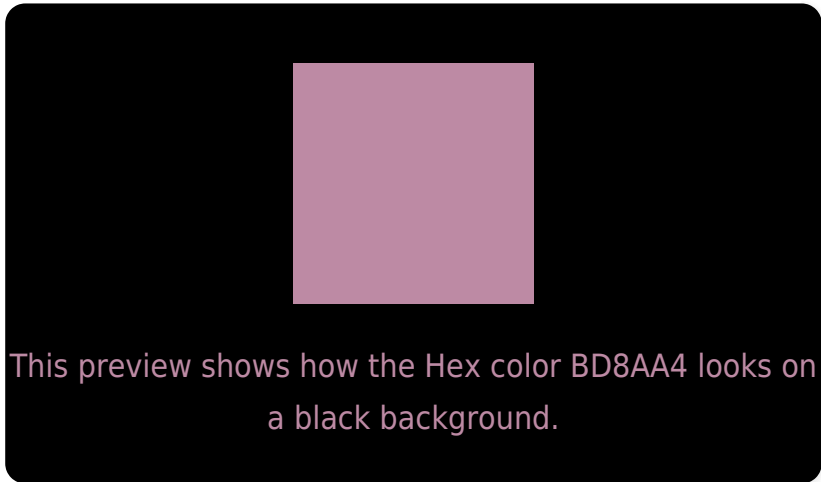
Large Text (above 18pt) WCAG AA × Fail

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 BD8AA4 Background



This preview shows how black text looks on a background with the Hex color BD8AA4.



This preview shows how white text looks on a background with the Hex color BD8AA4.

# 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**  
BB8C97

# Trichromacy



**Original Color**  
BD8AA4

**Protanomaly**  
A493AA

**Deuteranomaly**  
AD90A3

**Tritanomaly**  
BC8B9C

# Monochromacy



**Original Color**  
BD8AA4

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
A8959F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD8AA4 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 #BD8AA4 looks like.

```
.text, #text, p{  
    color:#BD8AA4  
}
```

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 #BD8AA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD8AA4
}
```

## Border

The CSS property to change the border of an element to Hex BD8AA4 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
#BD8AA4 }
```

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

```
.border{ border-color:#BD8AA4 }
```

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

Here you see how a box with a 4 pixel #BD8AA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD8AA4; -webkit-box-shadow:4px 4px  
4px 4px #BD8AA4; box-shadow:4px 4px 4px  
4px #BD8AA4 }
```

# Background

The CSS property to change the background color of an element to Hex BD8AA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD8AA4 }
```

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

```
.background{ background-color:#BD8AA4 }
```

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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