

# Converting Colors

Hex(BD9EAE)

Have a look what the booklet for  
Hex(BD9EAE) contains.

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# **Color**

**Hex(BD9EAE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD9EAE
RGB	189, 158, 174
RGB Percent	74%, 62%, 68%
CMY	0.2588, 0.3804, 0.3176
CMYK	0.00, 0.16, 0.08, 0.26
HSL	329°, 19%, 68%
HSV	329°, 16%, 74%
XYZ	40.8531, 38.3285, 45.2894
YIQ	169.0930, 13.3400, 11.5480

# Conversions

## Conversions Part 2

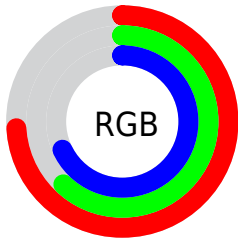
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 158, 174
Decimal	12426926
CIE <sub>Lab</sub>	68.26, 14.14, -4.01
CIE <sub>LCh</sub>	68, 14.700, 344.151
Yxy	38.3285, 0.3282, 0.3079
Android (android.graphics.Color)	4290617006 (0xFFBD9EAE)
YUV	169.0930, 2.4192, 17.4584
Hunter-Lab	61.9100, 9.4458, -0.0357

# Details

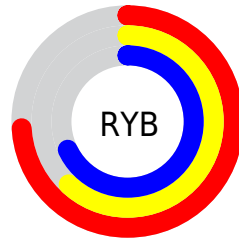
The Hex color **BD9EAE** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **9EBDAD**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **F5D5E5**, and **876B7A** is the 20% darker color. If you saturate the color by 10%, you get **BD8BA5**, and if you desaturate by 10%, it is **BDB1B7**.

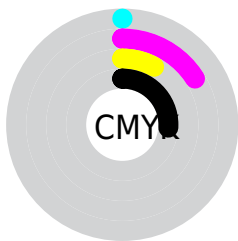
# Distribution



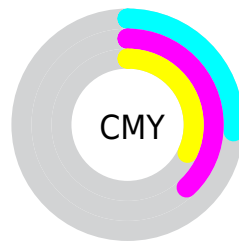
- Red (74%)
- Green (62%)
- Blue (68%)



- Red (74%)
- Yellow (62%)
- Blue (68%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (26%)



- Cyan (26%)
- Magenta (38%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD9EAE 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 BD9EAE by changing the saturation by 10% instead.



 BD9EAE

 BD9EAE

FFFFFF

 A28493

 F5D5E5

 876B7A

 FFF1FF

 6E5261

 553B49

 3E2533

 27101E

 0F0003

 000000

 BD9EAE

 BD9EAE

 BD8BA5

 BDB1B7

 BD789C

 BDC4C0

 BD6593

 BDD7C9

 BD5289

 BDEAD3

 BD3F80

 BDFCDC

 BD2D77

 BDFFE5

 BD1A6E

 BDFFEE

 BD0765

 BDFFF7

 BD0062

 BDFFFF

# Harmonies

## Analogous

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



B1A1BA



BD9EAE



C39DA0

# Triad

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



BD9EAE



AAA88D



85ADB8

# Complementary

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



BD9EAE



9EBDAD

# 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.



85AEAC



BD9EAE



9BAB93

# Square

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



BD9EAE



B8A38D



8DAE9F



90AAC0

# Rectangle

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



BD9EAE



C29E98



8DAE9F



84AEB5



# Sweetspot

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



BD9EAE



F5E9EF



AD9EBD



7A7377



FAFAFA



7A7A7A



# Same Dimension

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



BD9EAE



F5C4DD



BD9E9F



5E555A



9E0052



1F0010



# Inverse Universe

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



BD9EAE



F5C4DD



9EBDBC



5E555A



9E0052

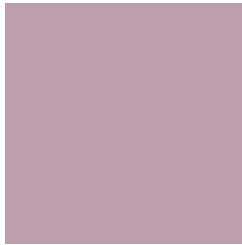


1F0010



# Previews

## White Background



This preview shows how the Hex color BD9EAE looks on a white background.

## Color Contrast Check

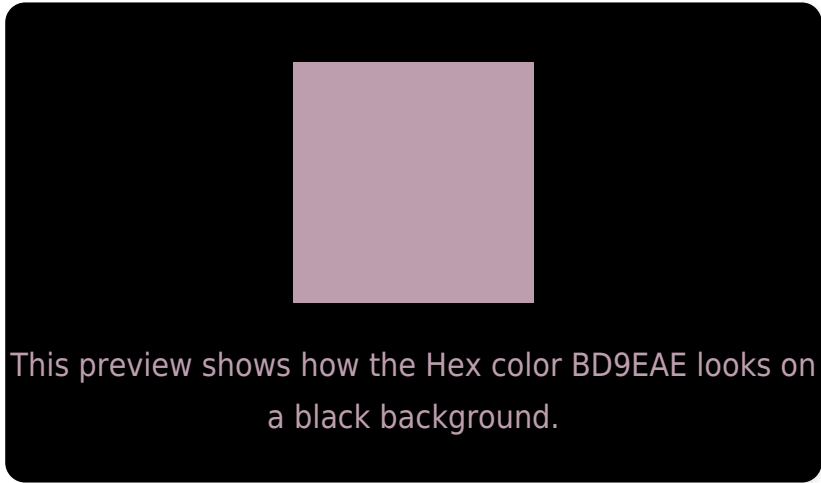
Large Text (above 18pt) WCAG AA × Fail

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

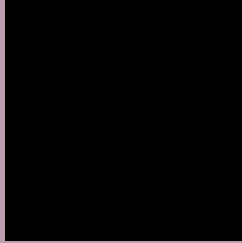
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BD9EAE Background



This preview shows how black text looks on a background with the Hex color BD9EAE.



This preview shows how white text looks on a background with the Hex color BD9EAE.

# 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**  
BD9EAE

**Protanopia**  
A6A6B3

**Deuteranopia**  
B4A2AD



**Tritanopia**  
BD9FAB

# Trichromacy



**Original Color**  
BD9EAE

**Protanomaly**  
AEA3B1

**Deuteranomaly**  
B7A1AD

**Tritanomaly**  
BD9FAC

# Monochromacy



**Original Color**  
BD9EAE

**Achromatopsia**  
A9A9A9

**Achromatomaly**  
B0A5AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD9EAE 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 #BD9EAE looks like.

```
.text, #text, p{  
    color:#BD9EAE  
}
```

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 #BD9EAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD9EAE }  
}
```

## Border

The CSS property to change the border of an element to Hex BD9EAE is called "border". The border property can be set on classes, ids or directly on the HTML element.

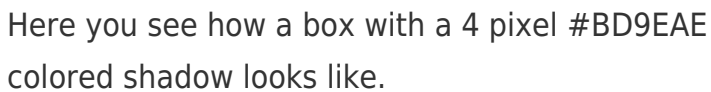
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #BD9EAE }  
}
```

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

```
.border{ border-color:#BD9EAE }
```

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



Here you see how a box with a 4 pixel #BD9EAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD9EAE; -webkit-box-shadow:4px 4px  
4px 4px #BD9EAE; box-shadow:4px 4px 4px  
4px #BD9EAE }
```

# Background

The CSS property to change the background color of an element to Hex BD9EAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD9EAE }
```

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

```
.background{ background-color:#BD9EAE }
```

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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