

# Converting Colors

Hex(BD9DC7)

Have a look what the booklet for  
Hex(BD9DC7) contains.

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# **Color**

**Hex(BD9DC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD9DC7
RGB	189, 157, 199
RGB Percent	74%, 62%, 78%
CMY	0.2588, 0.3843, 0.2196
CMYK	0.05, 0.21, 0.00, 0.22
HSL	286°, 27%, 70%
HSV	286°, 21%, 78%
XYZ	43.3520, 39.0563, 59.2865
YIQ	171.3560, 5.5900, 19.8460

# Conversions

## Conversions Part 2

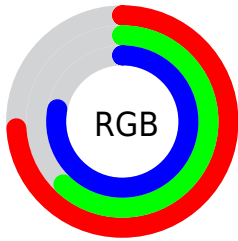
Format	Color
<a href="#">RYB</a>	<a href="#">189, 157, 199</a>
Decimal	<a href="#">12426695</a>
CIELab	<a href="#">68.79, 19.40, -17.12</a>
CIELCh	<a href="#">69, 25.875, 318.566</a>
Yxy	<a href="#">39.0563, 0.3060, 0.2756</a>
Android (android.graphics.Color)	<a href="#">4290616775 (0xFFBD9DC7)</a>
YUV	<a href="#">171.3560, 13.6285, 15.4738</a>
Hunter-Lab	<a href="#">62.4950, 14.4570, -12.4996</a>

# Details

The Hex color **BD9DC7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A7C79D**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **F6D4FF**, and **876991** is the 20% darker color. If you saturate the color by 10%, you get **B889C7**, and if you desaturate by 10%, it is **C2B1C7**.

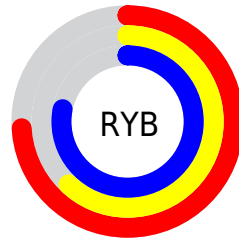
# Distribution



Red (74%)

Green (62%)

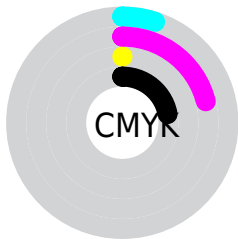
Blue (78%)



Red (74%)

Yellow (62%)

Blue (78%)

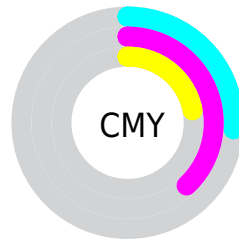


Cyan (5%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (26%)

Magenta (38%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD9DC7 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 BD9DC7 by changing the saturation by 10% instead.



 BD9DC7

 BD9DC7

FFFFFF

 A283AC

 F6D4FF

 876991

 FFF0FF

 6E5177

 553A5E

 3D2447

 270F30

 12001C

 000000

 BD9DC7

 BD9DC7

 B889C7

 C2B1C7

 B475C7

 C6C5C7

 AF61C7

 CBD9C7

 AA4DC7

 D0EDC7

 A53AC7

 D5FFC7

 A126C7

 D9FFC7

 9C12C7

 DEFFC7

 9800C7

 E3FFC7

 E8FFC7

# Harmonies

## Analogous

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



9FA5D4



BD9DC7



D198B2

# Triad

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



BD9DC7



C1A37A



64B5B6

# Complementary

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



BD9DC7



A7C79D

# 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.



75B49E



BD9DC7



AAAB7B

# Square

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



BD9DC7



D29C86



8FB188



66B2CA

# Rectangle

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



BD9DC7



D797A2



8FB188



68B5AE



# Sweetspot

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



BD9DC7



FBF0FF



9DA8C7



7D7780



000000



808080



# Same Dimension

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



BD9DC7



F0BFFF



C79DBD



615A63



7C00A3



1B0024



# Inverse Universe

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



C79DA7



FFBFCE



9DC7A8



635A5C



A30027

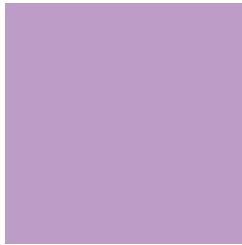


240008



# Previews

## White Background



This preview shows how the Hex color BD9DC7 looks on a white background.

## Color Contrast Check

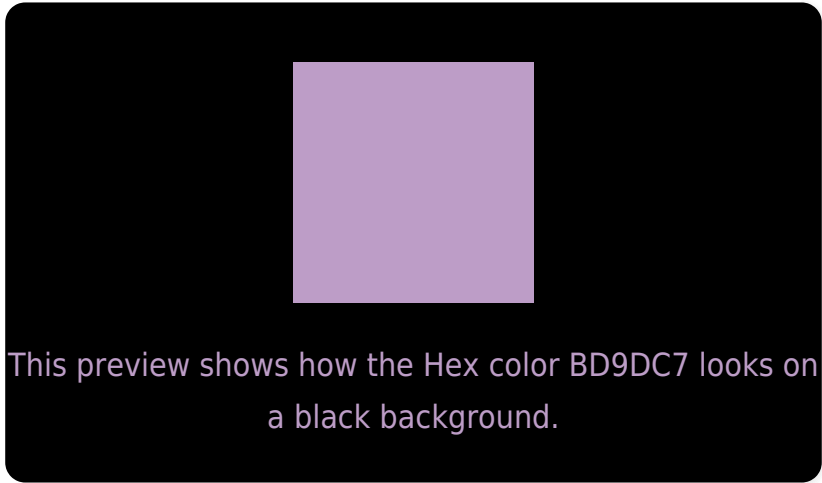
Large Text (above 18pt) WCAG AA × Fail

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

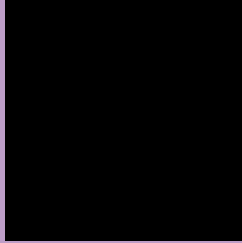
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BD9DC7 Background



This preview shows how black text looks on a background with the Hex color BD9DC7.

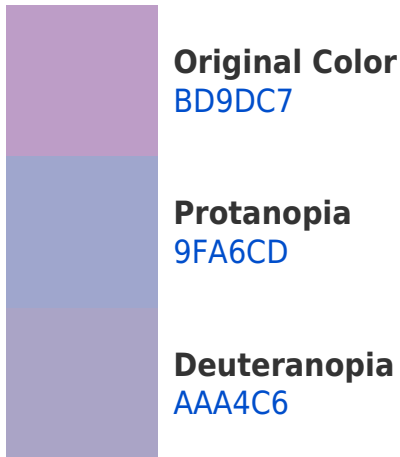


This preview shows how white text looks on a background with the Hex color BD9DC7.

# 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**  
B9A1AE

# Trichromacy



**Original Color**  
BD9DC7

**Protanomaly**  
AAA3CB

**Deuteranomaly**  
B1A1C6

**Tritanomaly**  
BAA0B7

# Monochromacy



**Original Color**  
BD9DC7

**Achromatopsia**  
ABABAB

**Achromatomaly**  
B2A6B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD9DC7 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 #BD9DC7 looks like.

```
.text, #text, p{  
    color:#BD9DC7  
}
```

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 #BD9DC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD9DC7
}
```

## Border

The CSS property to change the border of an element to Hex BD9DC7 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
#BD9DC7 }
```

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

```
.border{ border-color:#BD9DC7 }
```

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

Here you see how a box with a 4 pixel #BD9DC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD9DC7; -webkit-box-shadow:4px 4px  
4px 4px #BD9DC7; box-shadow:4px 4px 4px  
4px #BD9DC7 }
```

# Background

The CSS property to change the background color of an element to Hex BD9DC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD9DC7 }
```

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

```
.background{ background-color:#BD9DC7 }
```

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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