

# Converting Colors

Hex(BD9EC6)

Have a look what the booklet for  
Hex(BD9EC6) contains.

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# **Color**

**Hex(BD9EC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD9EC6
RGB	189, 158, 198
RGB Percent	74%, 62%, 78%
CMY	0.2588, 0.3804, 0.2235
CMYK	0.05, 0.20, 0.00, 0.22
HSL	286°, 26%, 70%
HSV	286°, 20%, 78%
XYZ	43.4062, 39.3498, 58.7336
YIQ	171.8290, 5.6360, 19.0120

# Conversions

## Conversions Part 2

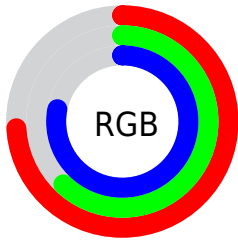
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 158, 198
Decimal	12426950
CIELab	69.00, 18.65, -16.25
CIELCh	69, 24.732, 318.930
Yxy	39.3498, 0.3068, 0.2781
Android (android.graphics.Color)	4290617030 (0xFFBD9EC6)
YUV	171.8290, 12.9023, 15.0590
Hunter-Lab	62.7294, 13.7383, -11.6027

# Details

The Hex color **BD9EC6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A7C69E**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **F6D5FF**, and **876A90** is the 20% darker color. If you saturate the color by 10%, you get **B98AC6**, and if you desaturate by 10%, it is **C1B2C6**.

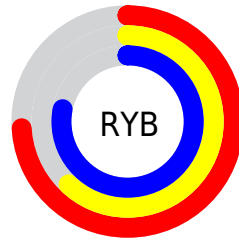
# Distribution



Red (74%)

Green (62%)

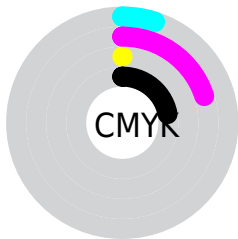
Blue (78%)



Red (74%)

Yellow (62%)

Blue (78%)

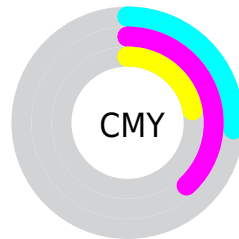


Cyan (5%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (26%)

Magenta (38%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD9EC6 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 BD9EC6 by changing the saturation by 10% instead.



 BD9EC6

 BD9EC6

FFFFFF

 A284AB

 F6D5FF

 876A90

 FFF1FF

 6E5276

 553B5E

 3D2546

 27102F

 13001B

 000000

 BD9EC6

 BD9EC6

 B98AC6

 C1B2C6

 B476C6

 C6C6C6

 B063C6

 CAD9C6

 AB4FC6

 CFEDC6

 A73BC6

 D3FFC6

 A227C6

 D8FFC6

 9E13C6

 DCFFC6

 9900C6

 E1FFC6

 E5FFC6

# Harmonies

## Analogous

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



A1A6D3



BD9EC6



D099B2

# Triad

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



BD9EC6



C1A47D



68B5B6

# Complementary

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



BD9EC6



A7C69E

# 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.



78B49F



BD9EC6



AAAB7E

# Square

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



BD9EC6



D09D88



91B18A



6BB2C9

# Rectangle

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



BD9EC6



D598A2



91B18A



6CB5AF



# Sweetspot

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



BD9EC6



FCF0FF



9EA7C6



7D7780



000000



808080



# Same Dimension

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



BD9EC6



F1C2FF



C69EBB



615A63



7E00A3



1C0024



# Inverse Universe

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



C69EA7



FFC2D0



9EC6A9



635A5C



A30025

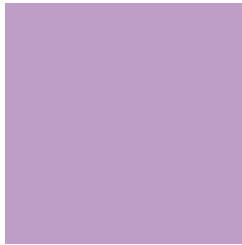


240008



# Previews

## White Background



This preview shows how the Hex color BD9EC6 looks on a white background.

## Color Contrast Check

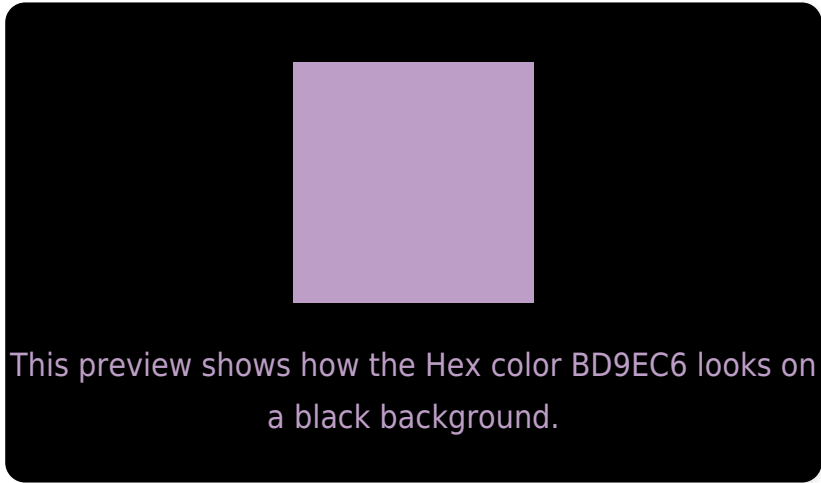
Large Text (above 18pt) WCAG AA × Fail

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

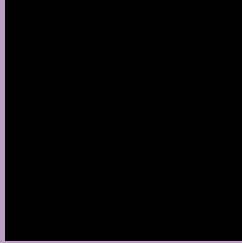
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BD9EC6 Background



This preview shows how black text looks on a background with the Hex color BD9EC6.

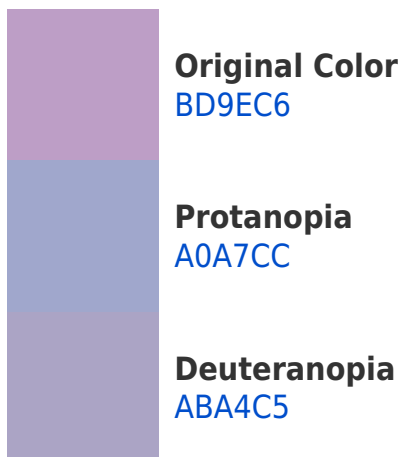


This preview shows how white text looks on a background with the Hex color BD9EC6.

# 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**  
BAA2AF

# Trichromacy



**Original Color**  
BD9EC6

**Protanomaly**  
ABA4CA

**Deuteranomaly**  
B2A2C5

**Tritanomaly**  
BBA1B7

# Monochromacy



**Original Color**  
BD9EC6

**Achromatopsia**  
ACACAC

**Achromatomaly**  
B2A7B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD9EC6 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 #BD9EC6 looks like.

```
.text, #text, p{  
    color:#BD9EC6  
}
```

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 #BD9EC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD9EC6
}
```

## Border

The CSS property to change the border of an element to Hex BD9EC6 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
#BD9EC6 }
```

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

```
.border{ border-color:#BD9EC6 }
```

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

Here you see how a box with a 4 pixel #BD9EC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD9EC6; -webkit-box-shadow:4px 4px  
4px 4px #BD9EC6; box-shadow:4px 4px 4px  
4px #BD9EC6 }
```

# Background

The CSS property to change the background color of an element to Hex BD9EC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD9EC6 }
```

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

```
.background{ background-color:#BD9EC6 }
```

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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