

# Converting Colors

Hex(BD9ED7)

Have a look what the booklet for  
Hex(BD9ED7) contains.

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# **Color**

**Hex(BD9ED7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD9ED7
RGB	189, 158, 215
RGB Percent	74%, 62%, 84%
CMY	0.2588, 0.3804, 0.1569
CMYK	0.12, 0.27, 0.00, 0.16
HSL	273°, 42%, 73%
HSV	273°, 27%, 84%
XYZ	45.4789, 40.1788, 69.6483
YIQ	173.7670, 0.1790, 24.2990

# Conversions

## Conversions Part 2

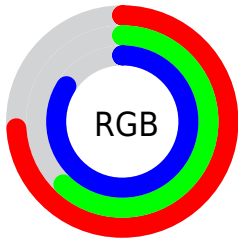
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 158, 215
Decimal	12426967
CIELab	69.60, 22.12, -24.74
CIELCh	70, 33.192, 311.801
Yxy	40.1788, 0.2928, 0.2587
Android (android.graphics.Color)	4290617047 (0xFFBD9ED7)
YUV	173.7670, 20.3279, 13.3593
Hunter-Lab	63.3868, 17.1437, -20.7761

# Details

The Hex color **BD9ED7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B8D79E**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **F6D5FF**, and **876AA0** is the 20% darker color. If you saturate the color by 10%, you get **B389D7**, and if you desaturate by 10%, it is **C7B4D7**.

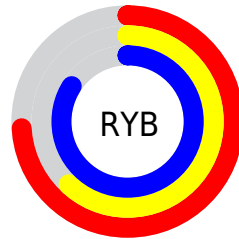
# Distribution



Red (74%)

Green (62%)

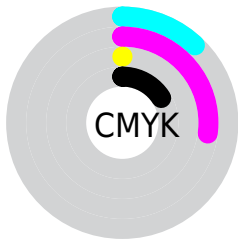
Blue (84%)



Red (74%)

Yellow (62%)

Blue (84%)

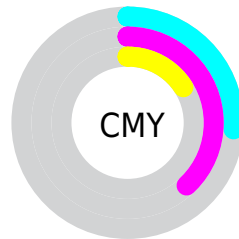


Cyan (12%)

Magenta (27%)

Yellow (0%)

Black (16%)



Cyan (26%)

Magenta (38%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD9ED7 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 BD9ED7 by changing the saturation by 10% instead.



 BD9ED7

FFFFFF

 F6D5FF

 FFF1FF

 BD9ED7

 A284BB

 876AA0

 6D5286

 543B6C

 3C2454

 250F3C

 140027

 000110

 000000

 BD9ED7

 BD9ED7

 B389D7

 C7B4D7

 A973D7

 D1C9D7

 A05ED7

 DADFD7

 9648D7

 E4F4D7

 8C33D7

 EEFFD7

 821DD7

 F8FFD7

 7808D7

 FFFFD7

 7500D7

# Harmonies

## Analogous

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



93A9E5



BD9ED7



DA95BE

# Triad

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



BD9ED7



CFA271



4BBAB5

# Complementary

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



BD9ED7



B8D79E

# 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.



6DB996



BD9ED7



B3AC6F

# Square

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



BD9ED7



E19883



91B47C



43B8D1

# Rectangle

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



BD9ED7



E393A9



91B47C



56BAAB



# Sweetspot

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



BD9ED7



F6EBFF



9EB9D7



7A7380



000000



808080



# Same Dimension

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



BD9ED7



DAADFF



D79ED5



66606B



5D00AB



18002B



# Inverse Universe

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



D79EB8



FFADD3



9ED7A0



6B6065



AB004E

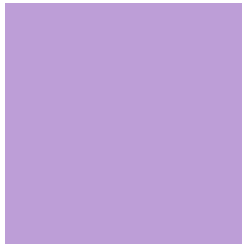


2B0014



# Previews

## White Background



This preview shows how the Hex color BD9ED7 looks on a white background.

## Color Contrast Check

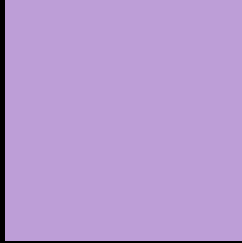
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color BD9ED7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

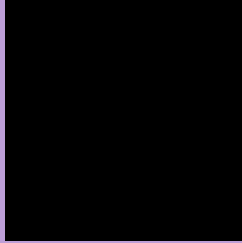
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BD9ED7 Background



This preview shows how black text looks on a background with the Hex color BD9ED7.

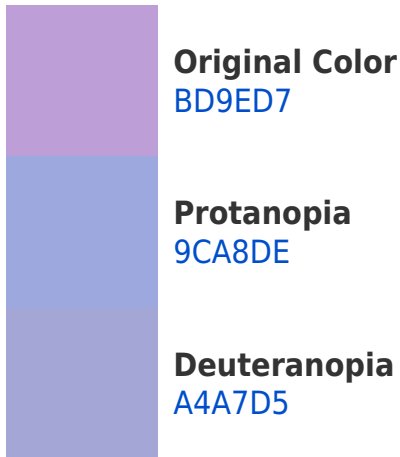


This preview shows how white text looks on a background with the Hex color BD9ED7.

# 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**  
B7A5B2

# Trichromacy



**Original Color**  
BD9ED7

**Protanomaly**  
A8A4DB

**Deuteranomaly**  
ADA4D6

**Tritanomaly**  
B9A2BF

# Monochromacy



**Original Color**  
BD9ED7

**Achromatopsia**  
AEAEAE

**Achromatomaly**  
B3A8BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD9ED7 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 #BD9ED7 looks like.

```
.text, #text, p{  
    color:#BD9ED7  
}
```

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 #BD9ED7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD9ED7
}
```

## Border

The CSS property to change the border of an element to Hex BD9ED7 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
#BD9ED7 }
```

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

```
.border{ border-color:#BD9ED7 }
```

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

Here you see how a box with a 4 pixel #BD9ED7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD9ED7; -webkit-box-shadow:4px 4px  
4px 4px #BD9ED7; box-shadow:4px 4px 4px  
4px #BD9ED7 }
```

# Background

The CSS property to change the background color of an element to Hex BD9ED7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD9ED7 }
```

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

```
.background{ background-color:#BD9ED7 }
```

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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