

# Converting Colors

Hex(BDACD7)

Have a look what the booklet for  
Hex(BDACD7) contains.

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# **Color**

**Hex(BDACD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDACD7
RGB	189, 172, 215
RGB Percent	74%, 67%, 84%
CMY	0.2588, 0.3255, 0.1569
CMYK	0.12, 0.20, 0.00, 0.16
HSL	264°, 35%, 76%
HSV	264°, 20%, 84%
XYZ	48.0045, 45.2302, 70.4902
YIQ	181.9850, -3.6710, 16.9770

# Conversions

## Conversions Part 2

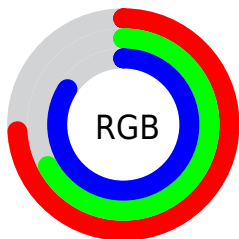
Format	Color
<a href="#">RYB</a>	<a href="#">189, 172, 215</a>
Decimal	<a href="#">12430551</a>
CIELab	<a href="#">73.04, 14.38, -19.49</a>
CIELCh	<a href="#">73, 24.222, 306.412</a>
Yxy	<a href="#">45.2302, 0.2932, 0.2763</a>
Android (android.graphics.Color)	<a href="#">4290620631</a> ( <a href="#">0xFFBDACD7</a> )
YUV	<a href="#">181.9850, 16.2764, 6.1522</a>
Hunter-Lab	<a href="#">67.2534, 9.7174, -15.0662</a>

# Details

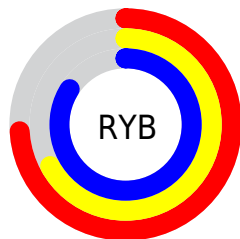
The Hex color **BDACD7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C6D7AC**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **F6E3FF**, and **8778A0** is the 20% darker color. If you saturate the color by 10%, you get **B097D7**, and if you desaturate by 10%, it is **CAC2D7**.

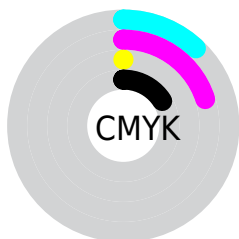
# Distribution



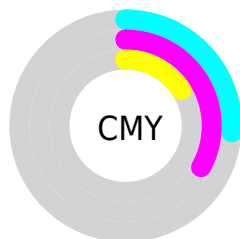
- Red (74%)
- Green (67%)
- Blue (84%)



- Red (74%)
- Yellow (67%)
- Blue (84%)



- Cyan (12%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)



- Cyan (26%)
- Magenta (33%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDACD7 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 BDACD7 by changing the saturation by 10% instead.



 BDACD7

FFFFFF

 F6E3FF

 BDACD7

 A291BB

 8778A0

 6E5F86

 55476D

 3D3154

 271C3D

 140227

 000111

 000000

 BDACD7

 BDACD7

 B097D7

 CAC2D7

 A381D7

 D7D7D7

 966CD7

 E4EDD7

 8956D7

 F1FFD7

 7C41D7

 FEFFD7

 6F2BD7

 FFFFD7

 6215D7

 5500D7

# Harmonies

## Analogous

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



9FB4DF



BDACD7



D4A6C6

# Triad

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



BDACD7



D3AC8B



7AC0B7

# Complementary

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



BDACD7



C6D7AC

# 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.



8DBEA1



BDACD7



BFB387

# Square

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



BDACD7



DFA69A



A6BA8F



74BFCD

# Rectangle

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



BDACD7



DDA4B7



A6BA8F



7FC0B0



# Sweetspot

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



BDACD7



F6F0FF



ACC7D7



7A7780



000000



808080



# Same Dimension

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



BDACD7



DAC2FF



D2ACD7



65606B



4400AB



11002B



# Inverse Universe

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



D7ACC6



FFC2E7



B1D7AC



6B6067



AB0067

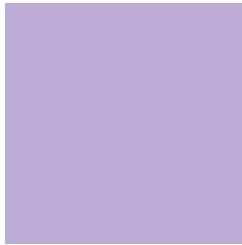


2B001A



# Previews

## White Background



This preview shows how the Hex color BDACD7 looks on a white background.

## Color Contrast Check

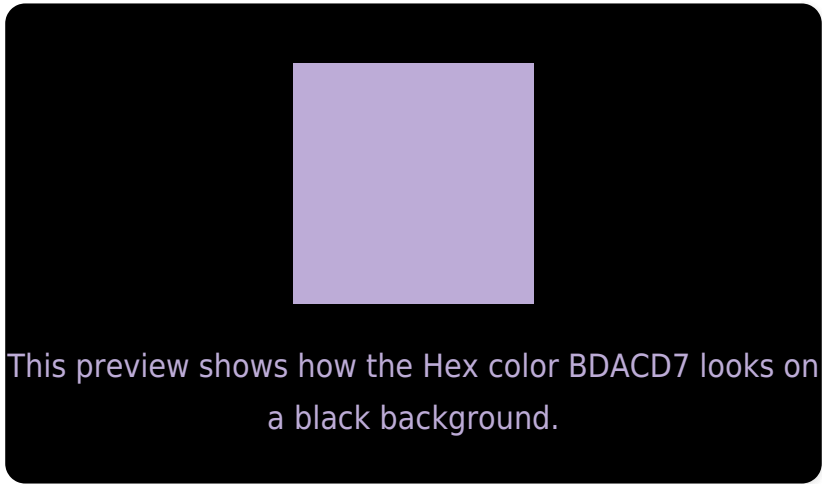
Large Text (above 18pt) WCAG AA × Fail

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

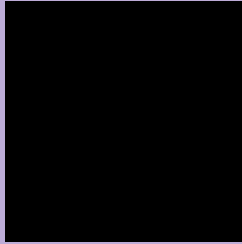
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BDACD7 Background



This preview shows how black text looks on a background with the Hex color BDACD7.

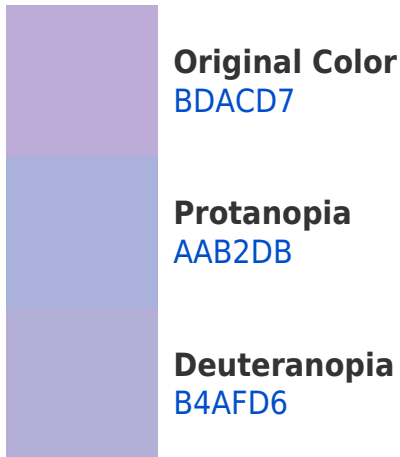


This preview shows how white text looks on a background with the Hex color BDACD7.

# 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](#).

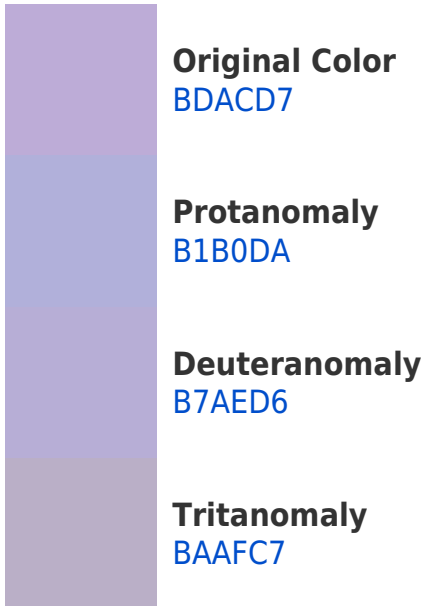
## Dichromacy



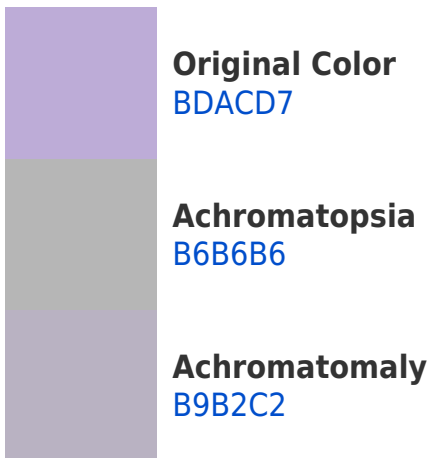


**Tritanopia**  
B9B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDACD7 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 #BDACD7 looks like.

```
.text, #text, p{  
    color:#BDACD7  
}
```

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 #BDACD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDACD7
}
```

## Border

The CSS property to change the border of an element to Hex BDACD7 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
#BDACD7 }
```

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

```
.border{ border-color:#BDACD7 }
```

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

Here you see how a box with a 4 pixel #BDACD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDACD7; -webkit-box-shadow:4px 4px  
4px 4px #BDACD7; box-shadow:4px 4px 4px  
4px #BDACD7 }
```

# Background

The CSS property to change the background color of an element to Hex BDACD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDACD7 }
```

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

```
.background{ background-color:#BDACD7 }
```

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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