

# Converting Colors

Hex(BFACD4)

Have a look what the booklet for  
Hex(BFACD4) contains.

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# **Color**

**Hex(BFACD4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFACD4
RGB	191, 172, 212
RGB Percent	75%, 67%, 83%
CMY	0.2510, 0.3255, 0.1686
CMYK	0.10, 0.19, 0.00, 0.17
HSL	268°, 32%, 75%
HSV	268°, 19%, 83%
XYZ	48.1220, 45.3349, 68.5016
YIQ	182.2410, -1.5160, 16.4680

# Conversions

## Conversions Part 2

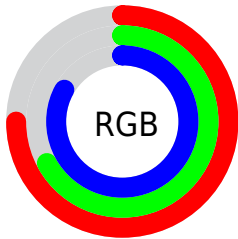
<b>Format</b>	<b>Color</b>
<b>RYB</b>	191, 172, 212
Decimal	12561620
CIELab	73.11, 14.41, -17.73
CIELCh	73, 22.847, 309.092
Yxy	45.3349, 0.2971, 0.2799
Android (android.graphics.Color)	4290751700 (0xFFBFACD4)
YUV	182.2410, 14.6712, 7.6816
Hunter-Lab	67.3312, 9.7456, -13.1888

# Details

The Hex color **BFACD4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C1D4AC**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **F8E3FF**, and **89789D** is the 20% darker color. If you saturate the color by 10%, you get **B497D4**, and if you desaturate by 10%, it is **CAC1D4**.

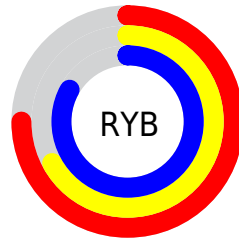
# Distribution



Red (75%)

Green (67%)

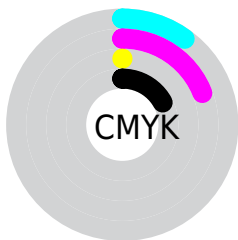
Blue (83%)



Red (75%)

Yellow (67%)

Blue (83%)

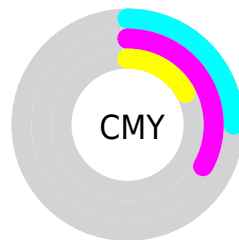


Cyan (10%)

Magenta (19%)

Yellow (0%)

Black (17%)



Cyan (25%)

Magenta (33%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFACD4 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 BFACD4 by changing the saturation by 10% instead.



 BFACD4

 BFACD4

FFFFFF

 A491B8

 F8E3FF

 89789D

 705F83

 57476A

 3F3152

 291B3B

 160225

 00010E

 000000

 BFACD4

 BFACD4

 B497D4

 CAC1D4

 A982D4

 D5D6D4

 9E6CD4

 E0ECD4

 9257D4

 ECFFD4

 8742D4

 F7FFD4

 7C2DD4

 FFFFD4

 7118D4

 6602D4

 6500D4

# Harmonies

## Analogous

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



A3B3DC



BFACD4



D4A6C3

# Triad

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



BFACD4



D0AD8D



7DC0B9

# Complementary

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



BFACD4



C1D4AC

# 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.



8EBEA4



BFACD4



BDB48A

# Square

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



BFACD4



DCA79A



A5BA93



79BECD

# Rectangle

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



BFACD4



DCA5B5



A5BA93



81BFB2



# Sweetspot

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



BFACD4



F7F0FF



ACC1D4



7B7780



000000



808080



# Same Dimension

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



BFACD4



E0C4FF



D3ACD4



65606B



5100AB



15002B



# Inverse Universe

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



D4ACC1



FFC4E3



ADD4AC



6B6066



AB005A

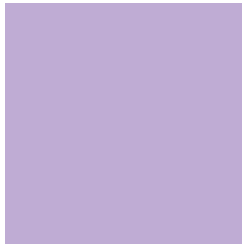


2B0017



# Previews

## White Background



This preview shows how the Hex color BFACD4 looks on a white background.

## Color Contrast Check

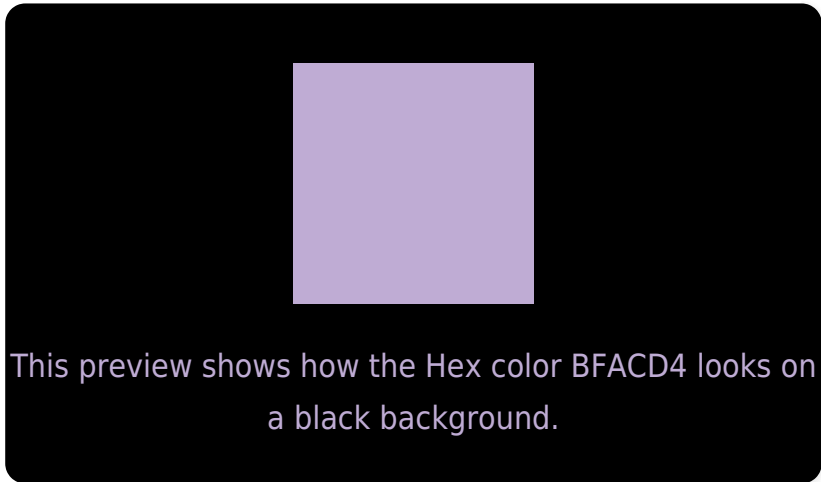
Large Text (above 18pt) WCAG AA × Fail

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 BFACD4 Background



This preview shows how black text looks on a background with the Hex color BFACD4.



This preview shows how white text looks on a background with the Hex color BFACD4.

# 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**  
BFACD4

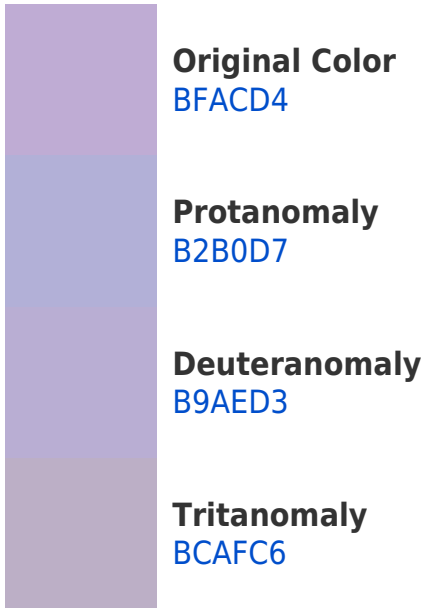
**Protanopia**  
ABB2D8

**Deuteranopia**  
B6AFD3



**Tritanopia**  
BBBOBE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFACD4 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 #BFACD4 looks like.

```
.text, #text, p{  
    color:#BFACD4  
}
```

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 #BFACD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFACD4
}
```

## Border

The CSS property to change the border of an element to Hex BFACD4 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
#BFACD4 }
```

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

```
.border{ border-color:#BFACD4 }
```

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

Here you see how a box with a 4 pixel #BFACD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFACD4; -webkit-box-shadow:4px 4px  
4px 4px #BFACD4; box-shadow:4px 4px 4px  
4px #BFACD4 }
```

# Background

The CSS property to change the background color of an element to Hex BFACD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFACD4 }
```

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

```
.background{ background-color:#BFACD4 }
```

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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