

# Converting Colors

Hex(BBAFCD)

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

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# **Color**

**Hex(BBAFCD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BBAFCD
RGB	187, 175, 205
RGB Percent	73%, 69%, 80%
CMY	0.2667, 0.3137, 0.1961
CMYK	0.09, 0.15, 0.00, 0.20
HSL	264°, 23%, 75%
HSV	264°, 15%, 80%
XYZ	46.8429, 45.6325, 64.0967
YIQ	182.0080, -2.4780, 11.8740

# Conversions

## Conversions Part 2

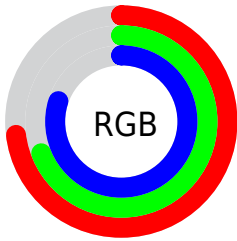
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">187, 175, 205</a>
Decimal	<a href="#">12300237</a>
CIELab	<a href="#">73.31, 10.01, -13.64</a>
CIELCh	<a href="#">73, 16.918, 306.257</a>
Yxy	<a href="#">45.6325, 0.2992, 0.2914</a>
Android (android.graphics.Color)	<a href="#">4290490317</a> ( <a href="#">0xFFBBAFCD</a> )
YUV	<a href="#">182.0080, 11.3351, 4.3780</a>
Hunter-Lab	<a href="#">67.5518, 5.5627, -8.9711</a>

# Details

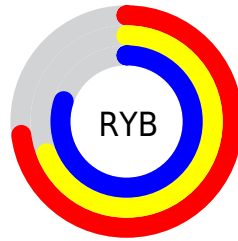
The Hex color **BBAFCD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C1CDAF**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **F3E7FF**, and **867B97** is the 20% darker color. If you saturate the color by 10%, you get **AF9BCD**, and if you desaturate by 10%, it is **C7C3CD**.

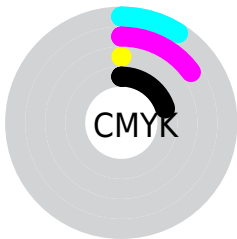
# Distribution



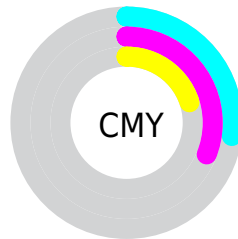
- Red (73%)
- Green (69%)
- Blue (80%)



- Red (73%)
- Yellow (69%)
- Blue (80%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)
- Black (20%)



- Cyan (27%)
- Magenta (31%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



 BBAFCD

 BBAFCD

FFFFFF

 A094B2

 F3E7FF

 867B97

 6C627D

 544A64

 3C334C

 261E35

 130620

 000005

 000000

 BBAFCD

 BBAFCD

 AF9BCD

 C7C3CD

 A286CD

 D4D8CD

 9672CD

 E0ECCD

 8A5DCD

 ECFFCD

 7D49CD

 F9FFCD

 7134CD

 FFFFCD

 651FCD

 590BCD

 5200CD

# Harmonies

## Analogous

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



A7B4D3



BBAFCD



CBABC1

# Triad

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



BBAFCD



CBAF98



8EBDB7

# Complementary

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



BBAFCD



C1CDAF

# 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.



9ABCA7



BBAFCD



BDB495

# Square

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



BBAFCD



D4ABA2



ABB99B



8CBCC6

# Rectangle

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



BBAFCD



D2A9B7



ABB99B



91BDB1



# Sweetspot

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



BBAFCD



F9F5FF



AFC1CD



7C7980



000000



808080



# Same Dimension

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



BBAFCD



E3D1FF



CAAFCF



605C66



4200A6



0F0026



# Inverse Universe

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



CDAFC1



FFD1ED



B3CDAF



665C62



A60063

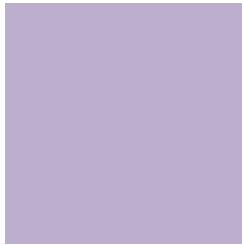


260017



# Previews

## White Background



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

## Color Contrast Check

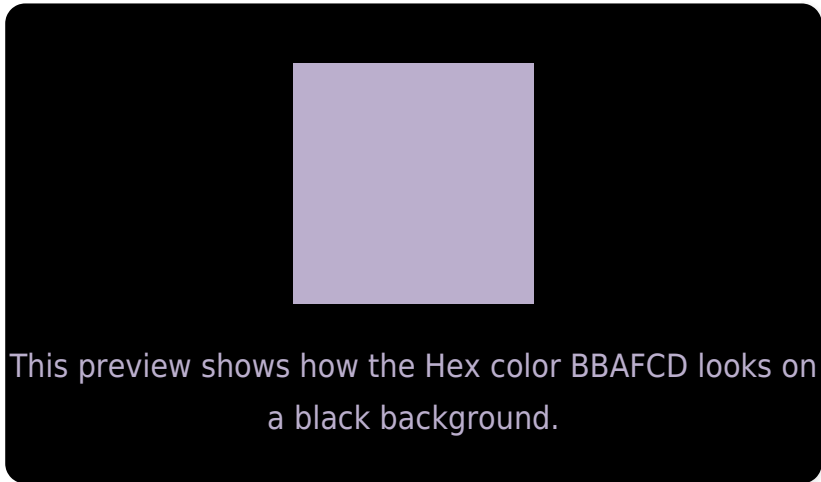
Large Text (above 18pt) WCAG AA × Fail

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

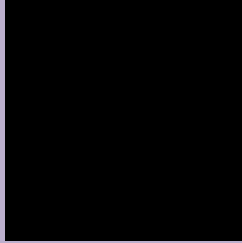
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBAFCD Background



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



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

# 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**  
BBAFCD

**Protanopia**  
AFB3CF

**Deuteranopia**  
BAAFCD



**Tritanopia**  
B9B1BF

# Trichromacy



**Original Color**  
BBAFCD

**Protanomaly**  
B3B2CE

**Deuteranomaly**  
BAAFCD

**Tritanomaly**  
BAB0C4

# Monochromacy



**Original Color**  
BBAFCD

**Achromatopsia**  
B6B6B6

**Achromatomaly**  
B8B3BE

# CSS Examples

## Text

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

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

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 #BBAFCD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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