

# Converting Colors

Hex(BCB7ED)

Have a look what the booklet for  
Hex(BCB7ED) contains.

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# **Color**

**Hex(BCB7ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCB7ED
RGB	188, 183, 237
RGB Percent	74%, 72%, 93%
CMY	0.2627, 0.2824, 0.0706
CMYK	0.21, 0.23, 0.00, 0.07
HSL	246°, 60%, 82%
HSV	246°, 23%, 93%
XYZ	52.9586, 50.6728, 87.1104
YIQ	190.6510, -14.3540, 17.8540

# Conversions

## Conversions Part 2

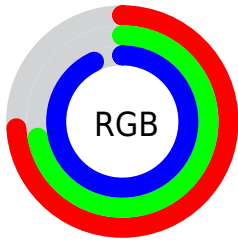
Format	Color
R <sub>Y</sub> B	188, 183, 237
Decimal	12367853
CIE Lab	76.48, 12.81, -26.22
CIE LCh	76, 29.181, 296.048
Yxy	50.6728, 0.2776, 0.2657
Android (android.graphics.Color)	4290557933 (0xFFBCB7ED)
YUV	190.6510, 22.8501, -2.3249
Hunter-Lab	71.1848, 8.2233, -22.7251

# Details

The Hex color **BCB7ED** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E8EDB7**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **F5EFFF**, and **8682B5** is the 20% darker color. If you saturate the color by 10%, you get **A69FED**, and if you desaturate by 10%, it is **D2CFED**.

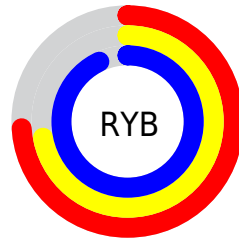
# Distribution



Red (74%)

Green (72%)

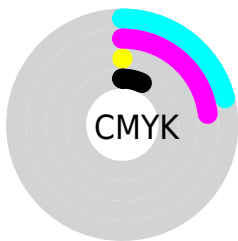
Blue (93%)



Red (74%)

Yellow (72%)

Blue (93%)

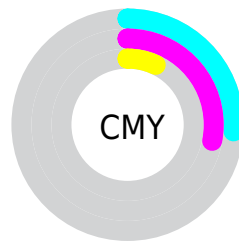


Cyan (21%)

Magenta (23%)

Yellow (0%)

Black (7%)



Cyan (26%)

Magenta (28%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCB7ED 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 BCB7ED by changing the saturation by 10% instead.



 BCB7ED

 BCB7ED

FFFFFF

 A19CD1

 F5EFFF

 8682B5

 6C699A

 535180

 3B3A67

 23244E

 0A1037

 000222

 000007

 BCB7ED

 BCB7ED

 A69FED

 D2CFED

 9188ED

 E7E6ED

 7B70ED

 FDFEED

 6658ED

 FFFFED

 5041ED

 3B29ED

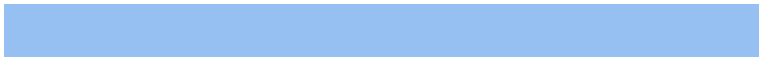
 2511ED

 1600ED

# Harmonies

## Analogous

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



96C0F2



BCB7ED



DCAEDB

# Triad

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



BCB7ED



E9B191



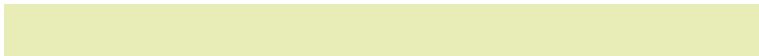
7BCCB8

# Complementary

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



BCB7ED



E8EDB7

# 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.



98C89E



BCB7ED



D4BA87

# Square

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



BCB7ED



F3AAA6



B7C28C



6BCBD3

# Rectangle

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



BCB7ED



EAAACA



B7C28C



84CBAF



# Sweetspot

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



BCB7ED



EFEDFF



B7E9ED



767580



000000



808080



# Same Dimension

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



BCB7ED



C1BAFF



D6B7ED



6B6A75



1100B5



050036



# Inverse Universe

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



EDB7E8



FFBAF9



CDEDB7



756A74



B500A4

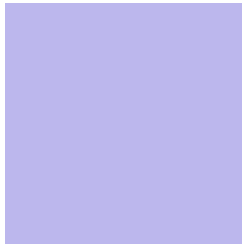


360031



# Previews

## White Background



This preview shows how the Hex color BCB7ED looks on a white background.

## Color Contrast Check

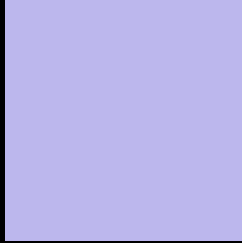
Large Text (above 18pt) WCAG AA × Fail

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 BCB7ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

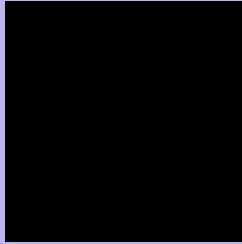
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BCB7ED Background



This preview shows how black text looks on a background with the Hex color BCB7ED.

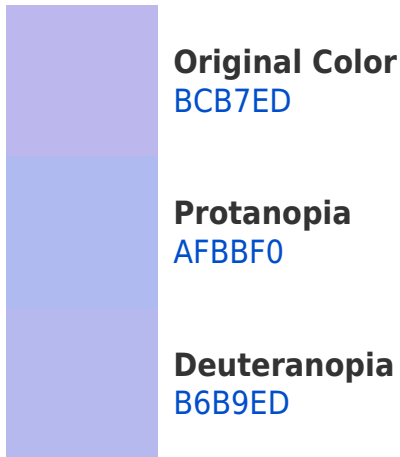


This preview shows how white text looks on a background with the Hex color BCB7ED.

# 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

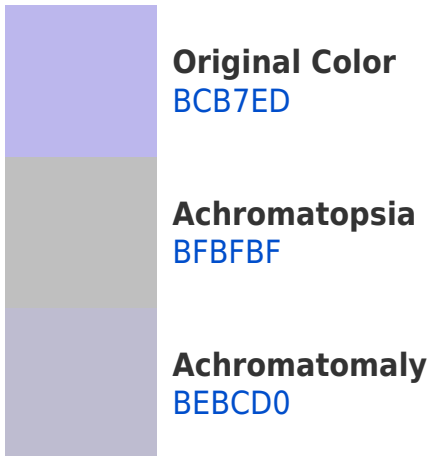




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCB7ED 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 #BCB7ED looks like.

```
.text, #text, p{  
    color:#BCB7ED  
}
```

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 #BCB7ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCB7ED } }
```

## Border

The CSS property to change the border of an element to Hex BCB7ED 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 #BCB7ED } }
```

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

```
.border{ border-color:#BCB7ED }
```

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

Here you see how a box with a 4 pixel #BCB7ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCB7ED; -webkit-box-shadow:4px 4px  
4px 4px #BCB7ED; box-shadow:4px 4px 4px  
4px #BCB7ED }
```

# Background

The CSS property to change the background color of an element to Hex BCB7ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCB7ED }
```

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

```
.background{ background-color:#BCB7ED }
```

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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