

Converting Colors

Hex(BDB7EA)

Have a look what the booklet for
Hex(BDB7EA) contains.

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Color

Hex(BDB7EA)

Conversions

Conversions Part 1

Format	Color
Hex	BDB7EA
RGB	189, 183, 234
RGB Percent	74%, 72%, 92%
CMY	0.2588, 0.2824, 0.0824
CMYK	0.19, 0.22, 0.00, 0.08
HSL	247°, 55%, 82%
HSV	247°, 22%, 92%
XYZ	52.7710, 50.6263, 84.8324
YIQ	190.6080, -12.7950, 17.1330

Conversions

Conversions Part 2

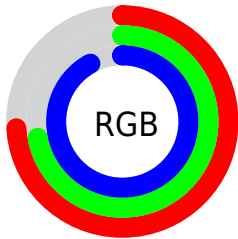
Format	Color
R _{YB}	189, 183, 234
Decimal	12433386
CIE _{Lab}	76.45, 12.45, -24.63
CIE _{LCh}	76, 27.601, 296.812
Yxy	50.6263, 0.2804, 0.2690
Android (android.graphics.Color)	4290623466 (0xFFBDB7EA)
YUV	190.6080, 21.3923, -1.4102
Hunter-Lab	71.1522, 7.8708, -20.8830

Details

The Hex color **BDB7EA** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E4EAB7**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **F6EFFF**, and **8782B2** is the 20% darker color. If you saturate the color by 10%, you get **A8A0EA**, and if you desaturate by 10%, it is **D2CEEA**.

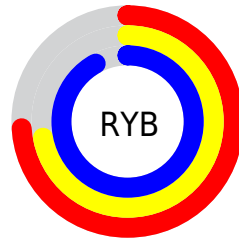
Distribution



Red (74%)

Green (72%)

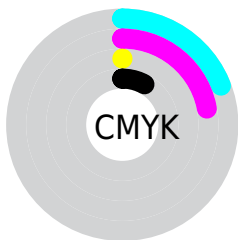
Blue (92%)



Red (74%)

Yellow (72%)

Blue (92%)

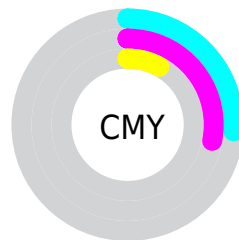


Cyan (19%)

Magenta (22%)

Yellow (0%)

Black (8%)



Cyan (26%)

Magenta (28%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDB7EA 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 BDB7EA by changing the saturation by 10% instead.

 BDB7EA

 BDB7EA

FFFFFF

 A29CCE

 F6EFFF

 8782B2

 6D6997

 54517D

 3C3A64

 24244C

 0D1035

 000220

 000003

 BDB7EA

 BDB7EA

 A8A0EA

 D2CEEA

 9488EA

 E6E6EA

 7F71EA

 FBFDEA

 6A59EA

 FFFFEA

 5642EA

 412BEA

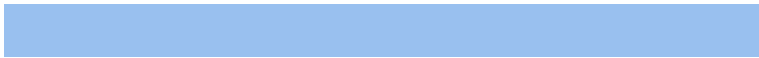
 2C13EA

 1C00EA

Harmonies

Analogous

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



99C0EF



BDB7EA



DBAFD9

Triad

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



BDB7EA



E6B293



7FCBB9

Complementary

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



BDB7EA



E4EAB7

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.



9AC8A0



BDB7EA



D2BA8A

Square

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



BDB7EA



F0ABA7



B7C28F



71CAD3

Rectangle

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



BDB7EA



E8ABC9



B7C28F



87CAB0

Sweetspot

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



BDB7EA



EFEDFF



B7E4EA



777580



000000



808080

Same Dimension

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



BDB7EA



C5BDFF



D6B7EA



6B6A75



1500B5



060036

Inverse Universe

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



EAB7E4



FFBDF7



CBEAB7



756A74



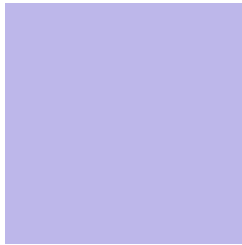
B500A0



36002F

Previews

White Background



This preview shows how the Hex color BDB7EA looks on a white background.

Color Contrast Check

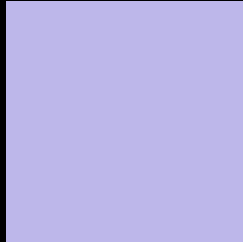
Large Text (above 18pt) WCAG AA × Fail

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 BDB7EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

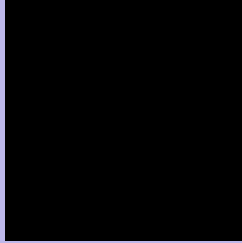
Any Text WCAG AA ✓ Pass

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 BDB7EA Background



This preview shows how black text looks on a background with the Hex color BDB7EA.



This preview shows how white text looks on a background with the Hex color BDB7EA.

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

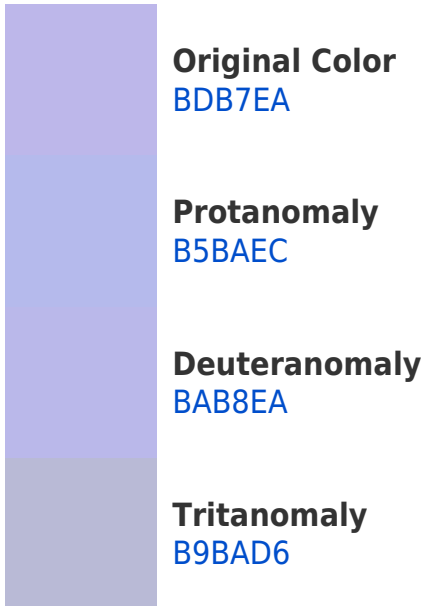


Original Color
BDB7EA

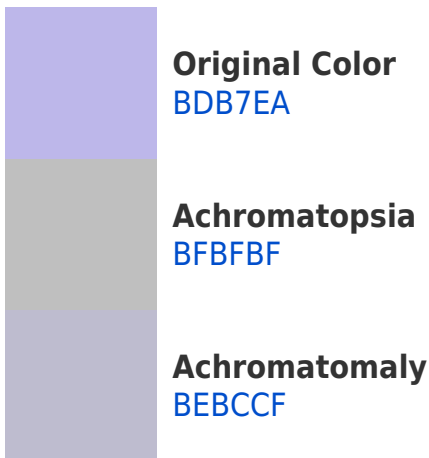
Protanopia
B0BBED

Deuteranopia
B8B9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDB7EA 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 #BDB7EA looks like.

```
.text, #text, p{  
    color:#BDB7EA  
}
```

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 #BDB7EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDB7EA  
}
```

Border

The CSS property to change the border of an element to Hex BDB7EA 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  
#BDB7EA }
```

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

```
.border{ border-color:#BDB7EA }
```

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

Here you see how a box with a 4 pixel #BDB7EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDB7EA; -webkit-box-shadow:4px 4px  
4px 4px #BDB7EA; box-shadow:4px 4px 4px  
4px #BDB7EA }
```

Background

The CSS property to change the background color of an element to Hex BDB7EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDB7EA }
```

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

```
.background{ background-color:#BDB7EA }
```

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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