

Converting Colors

Hex(BDB9E2)

Have a look what the booklet for
Hex(BDB9E2) contains.

Hex(BDB9E2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BDB9E2)

Conversions

Conversions Part 1

Format	Color
Hex	BDB9E2
RGB	189, 185, 226
RGB Percent	74%, 73%, 89%
CMY	0.2588, 0.2745, 0.1137
CMYK	0.16, 0.18, 0.00, 0.11
HSL	246°, 41%, 81%
HSV	246°, 18%, 89%
XYZ	52.0627, 51.0077, 79.0530
YIQ	190.8700, -10.7770, 13.5990

Conversions

Conversions Part 2

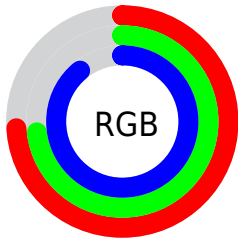
Format	Color
RYB	189, 185, 226
Decimal	12433890
CIELab	76.68, 9.60, -19.96
CIElCh	77, 22.147, 295.700
Yxy	51.0077, 0.2859, 0.2801
Android (android.graphics.Color)	4290623970 (0xFFBDB9E2)
YUV	190.8700, 17.3191, -1.6400
Hunter-Lab	71.4197, 5.1364, -15.6331

Details

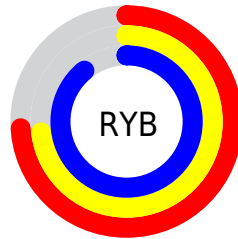
The Hex color **BDB9E2** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DEE2B9**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **F6F1FF**, and **8784AB** is the 20% darker color. If you saturate the color by 10%, you get **A9A2E2**, and if you desaturate by 10%, it is **D1D0E2**.

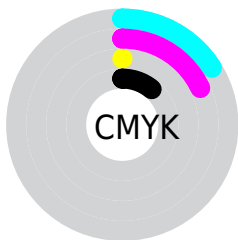
Distribution



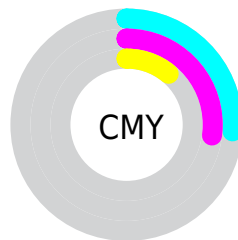
- Red (74%)
- Green (73%)
- Blue (89%)



- Red (74%)
- Yellow (73%)
- Blue (89%)



- Cyan (16%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (26%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDB9E2 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 BDB9E2 by changing the saturation by 10% instead.

 BDB9E2

 BDB9E2

FFFFFF

 A29EC6

 F6F1FF

 8784AB

 6E6B90

 555376

 3D3C5D

 262646

 10122F

 00011A

 000000

 BDB9E2

 BDB9E2

 A9A2E2

 D1D0E2

 948CE2

 E6E6E2

 8075E2

 FAFDE2

 6B5FE2

 FFFFE2

 5748E2

 4331E2

 2E1BE2

 1A04E2

 1600E2

Harmonies

Analogous

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



A2C0E6



BDB9E2



D5B3D5

Triad

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



BDB9E2



E0B49C



8EC9B9

Complementary

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



BDB9E2



DEE2B9

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.



A3C6A6



BDB9E2



D0BB95

Square

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



BDB9E2



E8B0AC



BAC198



85C9CE

Rectangle

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



BDB9E2



E0B0C8



BAC198



94C8B2

Sweetspot

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



BDB9E2



F3F2FF



B9DFE2



797880



000000



808080

Same Dimension

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



BDB9E2



CCC7FF



D1B9E2



666570



1100B0



050030

Inverse Universe

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



E2B9DE



FFC7FA



CAE2B9



70656F



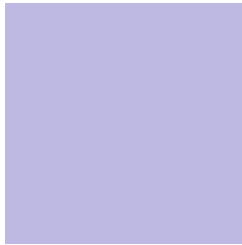
B0009F



30002C

Previews

White Background



This preview shows how the Hex color BDB9E2 looks on a white background.

Color Contrast Check

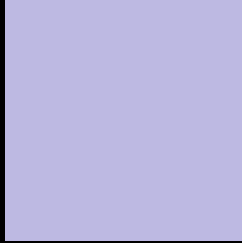
Large Text (above 18pt) WCAG AA × Fail

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 BDB9E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

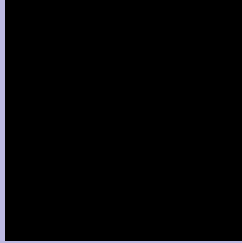
Any Text WCAG AA ✓ Pass

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 BDB9E2 Background



This preview shows how black text looks on a background with the Hex color BDB9E2.



This preview shows how white text looks on a background with the Hex color BDB9E2.

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

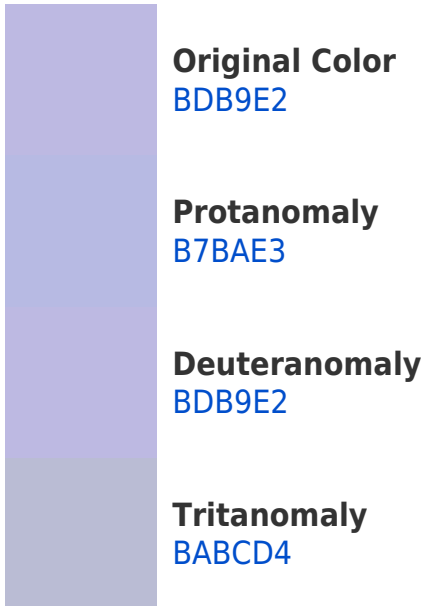


Original Color
BDB9E2

Protanopia
B4BBE4

Deuteranopia
BDB9E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDB9E2 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 #BDB9E2 looks like.

```
.text, #text, p{  
    color:#BDB9E2  
}
```

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 #BDB9E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDB9E2
}
```

Border

The CSS property to change the border of an element to Hex BDB9E2 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
#BDB9E2 }
```

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

```
.border{ border-color:#BDB9E2 }
```

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

Here you see how a box with a 4 pixel #BDB9E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDB9E2; -webkit-box-shadow:4px 4px  
4px 4px #BDB9E2; box-shadow:4px 4px 4px  
4px #BDB9E2 }
```

Background

The CSS property to change the background color of an element to Hex BDB9E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDB9E2 }
```

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

```
.background{ background-color:#BDB9E2 }
```

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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