

Converting Colors

Hex(B0B4D8)

Have a look what the booklet for
Hex(B0B4D8) contains.

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Color

Hex(B0B4D8)

Conversions

Conversions Part 1

Format	Color
Hex	B0B4D8
RGB	176, 180, 216
RGB Percent	69%, 71%, 85%
CMY	0.3098, 0.2941, 0.1529
CMYK	0.19, 0.17, 0.00, 0.15
HSL	234°, 34%, 77%
HSV	234°, 19%, 85%
XYZ	46.6204, 46.8305, 71.5478
YIQ	182.9080, -13.9400, 10.3480

Conversions

Conversions Part 2

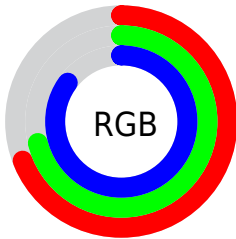
Format	Color
RYB	176, 180, 216
Decimal	11580632
CIELab	74.08, 6.04, -18.56
CIELCh	74, 19.522, 288.021
Yxy	46.8305, 0.2826, 0.2838
Android (android.graphics.Color)	4289770712 (0xFFB0B4D8)
YUV	182.9080, 16.3144, -6.0583
Hunter-Lab	68.4328, 1.8472, -14.0858

Details

The Hex color **B0B4D8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D8D4B0**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **E8ECFF**, and **7B7FA1** is the 20% darker color. If you saturate the color by 10%, you get **9AA1D8**, and if you desaturate by 10%, it is **C6C7D8**.

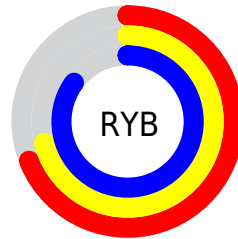
Distribution



Red (69%)

Green (71%)

Blue (85%)



Red (69%)

Yellow (71%)

Blue (85%)

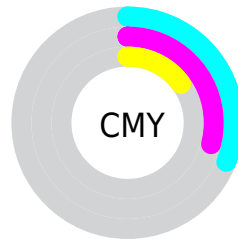


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (15%)



Cyan (31%)

Magenta (29%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0B4D8 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 B0B4D8 by changing the saturation by 10% instead.

 B0B4D8

 B0B4D8

FFFFFF

 9599BC

 E8ECFF

 7B7FA1

 626687

 494E6D

 323855

 1B223E

 050C28

 000112

 000000

 B0B4D8

 B0B4D8

 9AA1D8

 C6C7D8

 858DD8

 DBDBD8

 6F7AD8

 F1EED8

 5A66D8

 FFFFD8

 4453D8

 2E3FD8

 192CD8

 0318D8

 0016D8

Harmonies

Analogous

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



99BAD9



B0B4D8



C6AECE

Triad

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



B0B4D8



D8AD9C



91C0AE

Complementary

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



B0B4D8



D8D4B0

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.



A4BD9E



B0B4D8



CBB293

Square

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



B0B4D8



DCAAAC



B9B894



86C0C0

Rectangle

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



B0B4D8



D2ABC4



B9B894



97BFA8

Sweetspot

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



B0B4D8



F0F1FF



B0D8D4



777780



000000



808080

Same Dimension

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



B0B4D8



C7CDFF



C0B0D8



60616B



0011AB



00042B

Inverse Universe

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



D8B0B4



FFC7CD



C8D8B0



6B6061



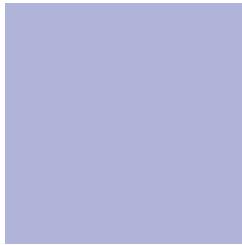
AB0011



2B0004

Previews

White Background



This preview shows how the Hex color B0B4D8 looks on a white background.

Color Contrast Check

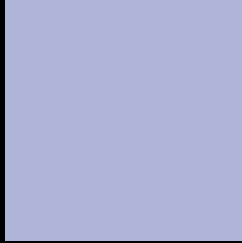
Large Text (above 18pt) WCAG AA × Fail

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 B0B4D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

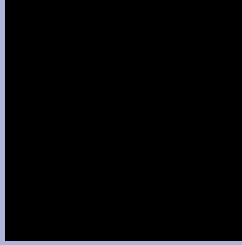
Any Text WCAG AA ✓ Pass

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 B0B4D8 Background



This preview shows how black text looks on a background with the Hex color B0B4D8.



This preview shows how white text looks on a background with the Hex color B0B4D8.

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](#).

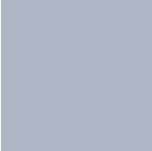
Dichromacy



Original Color
B0B4D8

Protanopia
AFB4D8

Deuteranopia
B7B2D8



Tritanopia
ADB7C6

Trichromacy



Original Color
B0B4D8

Protanomaly
AFB4D8

Deuteranomaly
B4B3D8

Tritanomaly
AEB6CD

Monochromacy



Original Color
B0B4D8

Achromatopsia
B7B7B7

Achromatomaly
B4B6C3

CSS Examples

Text

The CSS property to change the color of the text to Hex B0B4D8 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 #B0B4D8 looks like.

```
.text, #text, p{  
    color:#B0B4D8  
}
```

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 #B0B4D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0B4D8
}
```

Border

The CSS property to change the border of an element to Hex B0B4D8 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
#B0B4D8 }
```

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

```
.border{ border-color:#B0B4D8 }
```

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

Here you see how a box with a 4 pixel #B0B4D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0B4D8; -webkit-box-shadow:4px 4px  
4px 4px #B0B4D8; box-shadow:4px 4px 4px  
4px #B0B4D8 }
```

Background

The CSS property to change the background color of an element to Hex B0B4D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0B4D8 }
```

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

```
.background{ background-color:#B0B4D8 }
```

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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