

Converting Colors

Hex(B0B0DE)

Have a look what the booklet for
Hex(B0B0DE) contains.

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Color

Hex(B0B0DE)

Conversions

Conversions Part 1

Format	Color
Hex	B0B0DE
RGB	176, 176, 222
RGB Percent	69%, 69%, 87%
CMY	0.3098, 0.3098, 0.1294
CMYK	0.21, 0.21, 0.00, 0.13
HSL	240°, 41%, 78%
HSV	240°, 21%, 87%
XYZ	46.6146, 45.5547, 75.4433
YIQ	181.2440, -14.7660, 14.3060

Conversions

Conversions Part 2

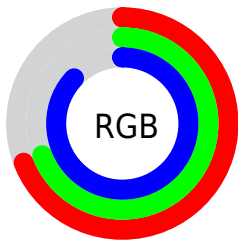
Format	Color
RYB	176, 176, 222
Decimal	11579614
CIELab	73.26, 9.58, -23.09
CIELCh	73, 24.997, 292.538
Yxy	45.5547, 0.2781, 0.2718
Android (android.graphics.Color)	4289769694 (0xFFB0B0DE)
YUV	181.2440, 20.0927, -4.5990
Hunter-Lab	67.4942, 5.1655, -19.0269

Details

The Hex color **B0B0DE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DEDEB0**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **E8E8FF**, and **7B7CA7** is the 20% darker color. If you saturate the color by 10%, you get **9A9ADE**, and if you desaturate by 10%, it is **C6C6DE**.

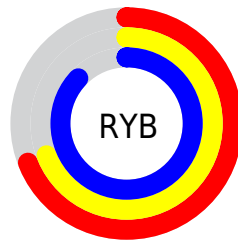
Distribution



Red (69%)

Green (69%)

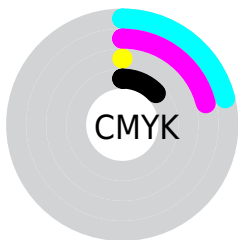
Blue (87%)



Red (69%)

Yellow (69%)

Blue (87%)

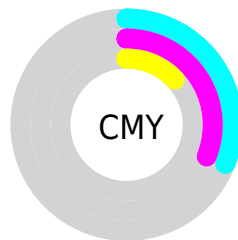


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (13%)



Cyan (31%)

Magenta (31%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0B0DE 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 B0B0DE by changing the saturation by 10% instead.

 B0B0DE


 B0B0DE

FFFFFF

 9595C2

 E8E8FF

 7B7CA7

 61638C

 494B73

 31345A

 191F42

 03072C

 000117

 000000

 B0B0DE

 B0B0DE

 9A9ADE

 C6C6DE

 8484DE

 DCDCDE

 6D6DDE

 F3F3DE

 5757DE

 FFFFDE

 4141DE

 2B2BDE

 1515DE

 0000DE

Harmonies

Analogous

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



90B8E1



B0B0DE



CCA8D0

Triad

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



B0B0DE



DCA990



80C1AD

Complementary

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



B0B0DE



DEDEB0

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.



98BD97



B0B0DE



CAB087

Square

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



B0B0DE



E3A4A3



B3B889



72C1C5

Rectangle

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



B0B0DE



D9A5C2



B3B889



88C0A5

Sweetspot

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



B0B0DE



F0F0FF



B0DEDE



777780



000000



808080

Same Dimension

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



B0B0DE



BFBFFF



C7B0DE



656570



0000B0



000030

Inverse Universe

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



DEB0DE



FFBFFF



C7DEB0



706570



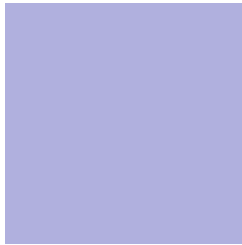
B000B0



300030

Previews

White Background



This preview shows how the Hex color B0B0DE looks on a white background.

Color Contrast Check

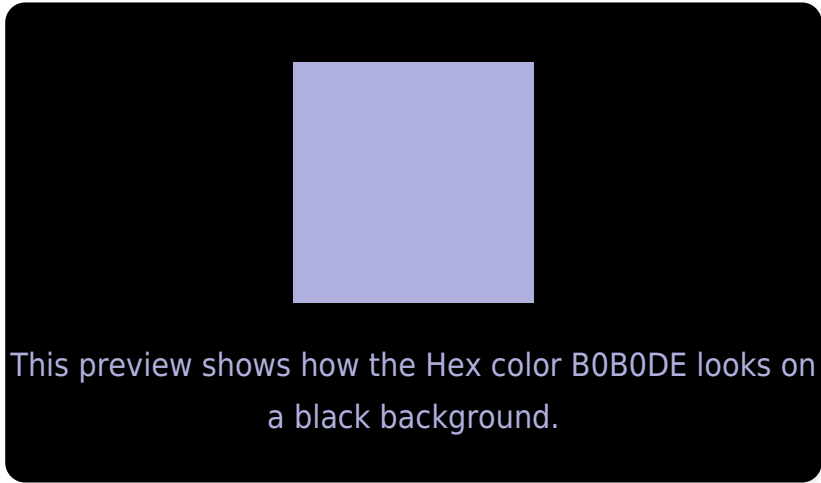
Large Text (above 18pt) WCAG AA × Fail

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

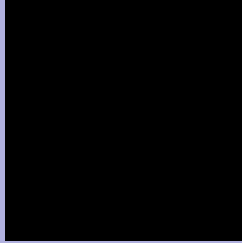
Any Text WCAG AA ✓ Pass

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 B0B0DE Background



This preview shows how black text looks on a background with the Hex color B0B0DE.



This preview shows how white text looks on a background with the Hex color B0B0DE.

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
B0B0DE

Protanopia
A9B2DF

Deuteranopia
B0B0DE

Trichromacy



Original Color
B0B0DE

Protanomaly
ACB1DF

Deuteranomaly
B0B0DE

Tritanomaly
ADB3CD

Monochromacy



Original Color
B0B0DE

Achromatopsia
B5B5B5

Achromatomaly
B3B3C4

CSS Examples

Text

The CSS property to change the color of the text to Hex B0B0DE 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 #B0B0DE looks like.

```
.text, #text, p{  
    color:#B0B0DE  
}
```

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 #B0B0DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0B0DE
}
```

Border

The CSS property to change the border of an element to Hex B0B0DE 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
#B0B0DE }
```

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

```
.border{ border-color:#B0B0DE }
```

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

Here you see how a box with a 4 pixel #B0B0DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0B0DE; -webkit-box-shadow:4px 4px  
4px 4px #B0B0DE; box-shadow:4px 4px 4px  
4px #B0B0DE }
```

Background

The CSS property to change the background color of an element to Hex B0B0DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0B0DE }
```

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

```
.background{ background-color:#B0B0DE }
```

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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