

Converting Colors

Hex(B0B1E2)

Have a look what the booklet for
Hex(B0B1E2) contains.

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Color

Hex(B0B1E2)

Conversions

Conversions Part 1

Format	Color
Hex	B0B1E2
RGB	176, 177, 226
RGB Percent	69%, 69%, 89%
CMY	0.3098, 0.3059, 0.1137
CMYK	0.22, 0.22, 0.00, 0.11
HSL	239°, 46%, 79%
HSV	239°, 22%, 89%
XYZ	47.3541, 46.1654, 78.3665
YIQ	182.2870, -16.3250, 15.0270

Conversions

Conversions Part 2

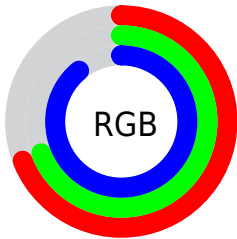
Format	Color
R_{YB}	176, 177, 226
Decimal	11579874
CIE Lab	73.65, 9.94, -24.66
CIE LCh	74, 26.590, 291.961
Yxy	46.1654, 0.2755, 0.2686
Android (android.graphics.Color)	4289769954 (0xFFB0B1E2)
YUV	182.2870, 21.5505, -5.5137
Hunter-Lab	67.9451, 5.5010, -20.8223

Details

The Hex color **B0B1E2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E2E1B0**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **E8E9FF**, and **7B7DAB** is the 20% darker color. If you saturate the color by 10%, you get **999BE2**, and if you desaturate by 10%, it is **C7C7E2**.

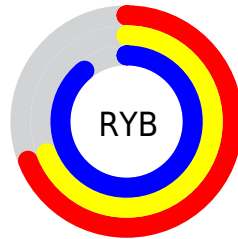
Distribution



Red (69%)

Green (69%)

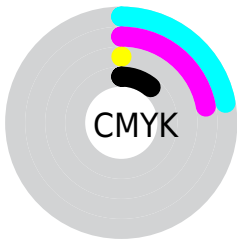
Blue (89%)



Red (69%)

Yellow (69%)

Blue (89%)

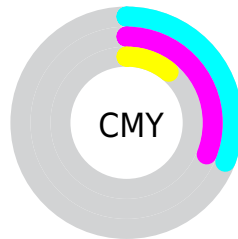


Cyan (22%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (31%)

Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0B1E2 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 B0B1E2 by changing the saturation by 10% instead.

 B0B1E2


 B0B1E2

FFFFFF

 9596C6

 E8E9FF

 7B7DAB

 616490

 484C76

 30355D

 182045

 02092F

 00011A

 000000

 B0B1E2

 B0B1E2

 999BE2

 C7C7E2

 8385E2

 DDDDE2

 6C6FE2

 F4F3E2

 5658E2

 FFFFE2

 3F42E2

 282CE2

 1216E2

 0005E2

Harmonies

Analogous

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



8EB9E5



B0B1E2



CEA9D3

Triad

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



B0B1E2



DFA990



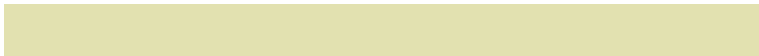
7EC2AD

Complementary

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



B0B1E2



E2E1B0

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.



98BF96



B0B1E2



CDB185

Square

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



B0B1E2



E7A4A4



B4B987



6EC2C6

Rectangle

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



B0B1E2



DCA5C5



B4B987



86C2A5

Sweetspot

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



B0B1E2



EDEEFF



B0E2E0



757680



000000



808080

Same Dimension

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



B0B1E2



BABCFF



C7B0E2



656570



0004B0



000130

Inverse Universe

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



E2B0B1



FFBABC



CBE2B0



706565



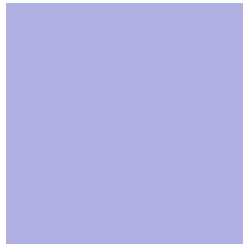
B00004



300001

Previews

White Background



This preview shows how the Hex color B0B1E2 looks on a white background.

Color Contrast Check

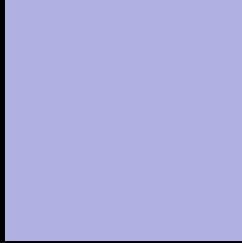
Large Text (above 18pt) WCAG AA × Fail

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 B0B1E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

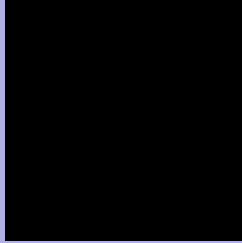
Any Text WCAG AA ✓ Pass

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 B0B1E2 Background



This preview shows how black text looks on a background with the Hex color B0B1E2.



This preview shows how white text looks on a background with the Hex color B0B1E2.

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
B0B1E2

Protanopia
A9B3E3

Deuteranopia
AFB1E2

Trichromacy



Original Color
B0B1E2

Protanomaly
ACB2E3

Deuteranomaly
AFB1E2

Tritanomaly
ACB4D0

Monochromacy



Original Color
B0B1E2

Achromatopsia
B6B6B6

Achromatomaly
B4B4C6

CSS Examples

Text

The CSS property to change the color of the text to Hex B0B1E2 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 #B0B1E2 looks like.

```
.text, #text, p{  
    color:#B0B1E2  
}
```

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 #B0B1E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0B1E2
}
```

Border

The CSS property to change the border of an element to Hex B0B1E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

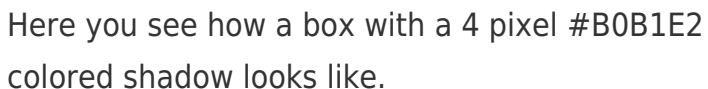
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B0B1E2 }
```

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

```
.border{ border-color:#B0B1E2 }
```

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



Here you see how a box with a 4 pixel `#B0B1E2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0B1E2; -webkit-box-shadow:4px 4px  
4px 4px #B0B1E2; box-shadow:4px 4px 4px  
4px #B0B1E2 }
```

Background

The CSS property to change the background color of an element to Hex B0B1E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0B1E2 }
```

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

```
.background{ background-color:#B0B1E2 }
```

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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