

Converting Colors

Hex(B0B3E2)

Have a look what the booklet for
Hex(B0B3E2) contains.

Hex(B0B3E2)	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(**B0B3E2**)

Conversions

Conversions Part 1

Format	Color
Hex	B0B3E2
RGB	176, 179, 226
RGB Percent	69%, 70%, 89%
CMY	0.3098, 0.2980, 0.1137
CMYK	0.22, 0.21, 0.00, 0.11
HSL	236°, 46%, 79%
HSV	236°, 22%, 89%
XYZ	47.7521, 46.9613, 78.4991
YIQ	183.4610, -16.8750, 13.9810

Conversions

Conversions Part 2

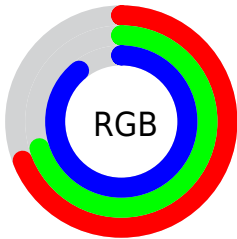
Format	Color
R_{YB}	176, 179, 226
Decimal	11580386
CIE _{Lab}	74.17, 8.84, -23.88
CIE _{LCh}	74, 25.463, 290.322
Yxy	46.9613, 0.2757, 0.2711
Android (android.graphics.Color)	4289770466 (0xFFB0B3E2)
YUV	183.4610, 20.9717, -6.5433
Hunter-Lab	68.5283, 4.4583, -19.9468

Details

The Hex color **B0B3E2** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E2DFB0**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **E8EBFF**, and **7B7EAB** is the 20% darker color. If you saturate the color by 10%, you get **999EE2**, and if you desaturate by 10%, it is **C7C8E2**.

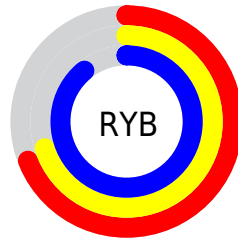
Distribution



Red (69%)

Green (70%)

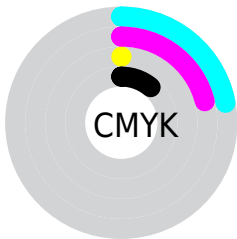
Blue (89%)



Red (69%)

Yellow (70%)

Blue (89%)

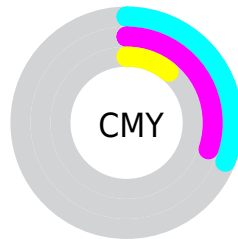


Cyan (22%)

Magenta (21%)

Yellow (0%)

Black (11%)



Cyan (31%)

Magenta (30%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0B3E2 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 B0B3E2 by changing the saturation by 10% instead.

 B0B3E2


 B0B3E2

FFFFFF

 9598C6

 E8EBFF

 7B7EAB

 616590

 484E76

 30375D

 182246

 010B2F

 00011A

 000000

 B0B3E2

 B0B3E2

 999EE2

 C7C8E2

 8389E2

 DDDDE2

 6C73E2

 F4F3E2

 565EE2

 FFFFE2

 3F49E2

 2834E2

 121EE2

 000EE2

Harmonies

Analogous

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



90BBE4



B0B3E2



CDABD4

Triad

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



B0B3E2



E0AB93



83C3AE

Complementary

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



B0B3E2



E2DFB0

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.



9CC098



B0B3E2



CFB289

Square

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



B0B3E2



E6A6A7



B7BA8A



73C3C6

Rectangle

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



B0B3E2



DBA7C7



B7BA8A



8BC2A6

Sweetspot

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



B0B3E2



EDEEFF



B0E2DF



757680



000000



808080

Same Dimension

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



B0B3E2



BABEFF



C6B0E2



656670



000BB0



000330

Inverse Universe

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



E2B0B3



FFBABE



CCE2B0



706566



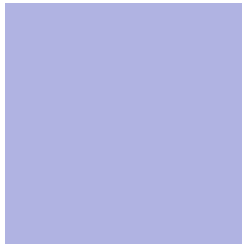
B0000B



300003

Previews

White Background



This preview shows how the Hex color B0B3E2 looks on a white background.

Color Contrast Check

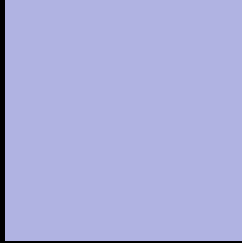
Large Text (above 18pt) WCAG AA × Fail

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 B0B3E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

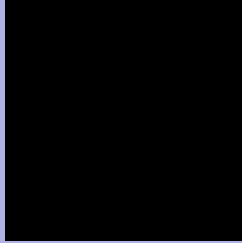
Any Text WCAG AA ✓ Pass

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 B0B3E2 Background



This preview shows how black text looks on a background with the Hex color B0B3E2.



This preview shows how white text looks on a background with the Hex color B0B3E2.

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
B0B3E2

Protanopia
ABB4E3

Deuteranopia
B2B3E2



Tritanopia
ABB8C7

Trichromacy



Original Color
B0B3E2

Protanomaly
ADB4E3

Deuteranomaly
B1B3E2

Tritanomaly
ADB6D1

Monochromacy



Original Color
B0B3E2

Achromatopsia
B7B7B7

Achromatomaly
B4B6C7

CSS Examples

Text

The CSS property to change the color of the text to Hex B0B3E2 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 #B0B3E2 looks like.

```
.text, #text, p{  
    color:#B0B3E2  
}
```

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 #B0B3E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0B3E2
}
```

Border

The CSS property to change the border of an element to Hex B0B3E2 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
#B0B3E2 }
```

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

```
.border{ border-color:#B0B3E2 }
```

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

Here you see how a box with a 4 pixel #B0B3E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0B3E2; -webkit-box-shadow:4px 4px  
4px 4px #B0B3E2; box-shadow:4px 4px 4px  
4px #B0B3E2 }
```

Background

The CSS property to change the background color of an element to Hex B0B3E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0B3E2 }
```

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

```
.background{ background-color:#B0B3E2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor