

Converting Colors

Hex(B0BAE2)

Have a look what the booklet for
Hex(B0BAE2) contains.

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Color

Hex(**B0BAE2**)

Conversions

Conversions Part 1

Format	Color
Hex	B0BAE2
RGB	176, 186, 226
RGB Percent	69%, 73%, 89%
CMY	0.3098, 0.2706, 0.1137
CMYK	0.22, 0.18, 0.00, 0.11
HSL	228°, 46%, 79%
HSV	228°, 22%, 89%
XYZ	49.1909, 49.8389, 78.9787
YIQ	187.5700, -18.8000, 10.3200

Conversions

Conversions Part 2

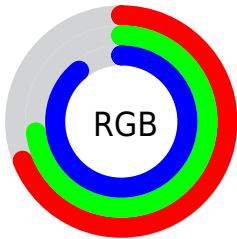
Format	Color
R _Y B	176, 184, 226
Decimal	11582178
CIE Lab	75.97, 5.01, -21.13
CIE LCh	76, 21.717, 283.351
Yxy	49.8389, 0.2763, 0.2800
Android (android.graphics.Color)	4289772258 (0xFFB0BAE2)
YUV	187.5700, 18.9460, -10.1469
Hunter-Lab	70.5967, 0.8324, -16.9119

Details

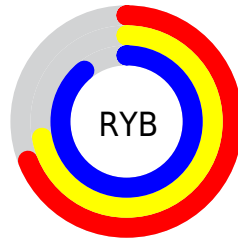
The Hex color **B0BAE2** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E2D8B0**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **E8F2FF**, and **7B85AB** is the 20% darker color. If you saturate the color by 10%, you get **99A8E2**, and if you desaturate by 10%, it is **C7CCE2**.

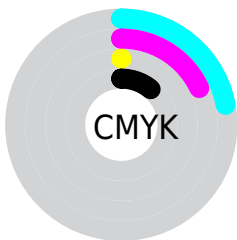
Distribution



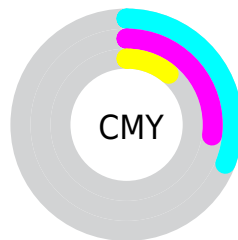
- Red (69%)
- Green (73%)
- Blue (89%)



- Red (69%)
- Yellow (72%)
- Blue (89%)



- Cyan (22%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0BAE2 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 B0BAE2 by changing the saturation by 10% instead.

 B0BAE2

 B0BAE2

FFFFFF

 959FC6

 E8F2FF

 7B85AB

 616C90

 485476

 303D5D

 192746

 01132F

 00011A

 000000

 B0BAE2

 B0BAE2

 99A8E2

 C7CCE2

 8396E2

 DDDEE2

 6C84E2

 F4F0E2

 5672E2

 FFFFE2

 3F60E2

 284EE2

 123BE2

 002DE2

Harmonies

Analogous

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



96C0E1



B0BAE2



CAB3D9

Triad

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



B0BAE2



E2B0A1



95C6AF

Complementary

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



B0BAE2



E2D8B0

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.



ABC29E



B0BAE2



D5B695

Square

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



B0BAE2



E5ADB3



C1BD94



86C7C4

Rectangle

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



B0BAE2



D7B0CE



C1BD94



9CC5A9

Sweetspot

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



B0BAE2



EDF1FF



B0E2D8



757780



000000



808080

Same Dimension

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



B0BAE2



BAC8FF



BFB0E2



656770



0023B0



000A30

Inverse Universe

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



E2B0BA



FFBAC8



D3E2B0



706567



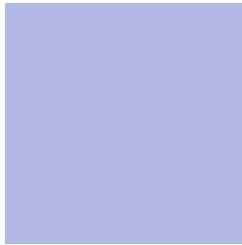
B00023



30000A

Previews

White Background



This preview shows how the Hex color B0BAE2 looks on a white background.

Color Contrast Check

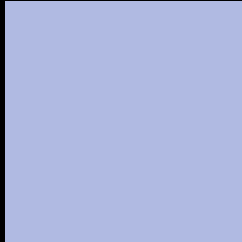
Large Text (above 18pt) WCAG AA × Fail

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 B0BAE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

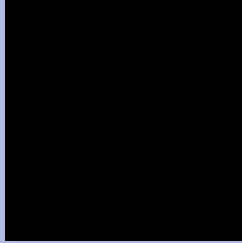
Any Text WCAG AA ✓ Pass

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 B0BAE2 Background



This preview shows how black text looks on a background with the Hex color B0BAE2.



This preview shows how white text looks on a background with the Hex color B0BAE2.

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
B0BAE2

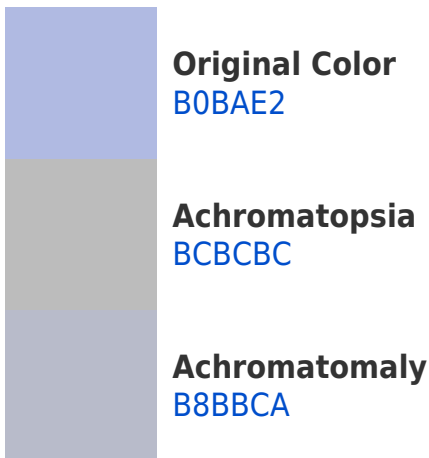
Protanopia
B2B9E2

Deuteranopia
BAB7E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0BAE2 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 #B0BAE2 looks like.

```
.text, #text, p{  
    color:#B0BAE2  
}
```

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 #B0BAE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0BAE2
}
```

Border

The CSS property to change the border of an element to Hex B0BAE2 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
#B0BAE2 }
```

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

```
.border{ border-color:#B0BAE2 }
```

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

Here you see how a box with a 4 pixel #B0BAE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0BAE2; -webkit-box-shadow:4px 4px  
4px 4px #B0BAE2; box-shadow:4px 4px 4px  
4px #B0BAE2 }
```

Background

The CSS property to change the background color of an element to Hex B0BAE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0BAE2 }
```

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

```
.background{ background-color:#B0BAE2 }
```

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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