

# Converting Colors

Hex(B0C4E3)

Have a look what the booklet for  
Hex(B0C4E3) contains.

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# **Color**

**Hex(B0C4E3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B0C4E3
RGB	176, 196, 227
RGB Percent	69%, 77%, 89%
CMY	0.3098, 0.2314, 0.1098
CMYK	0.22, 0.14, 0.00, 0.11
HSL	216°, 48%, 79%
HSV	216°, 22%, 89%
XYZ	51.5096, 54.2560, 80.4307
YIQ	193.5540, -21.8710, 5.4010

# Conversions

## Conversions Part 2

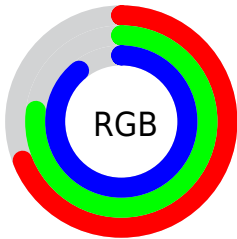
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 190, 227
Decimal	11584739
CIE <sub>Lab</sub>	78.61, -0.16, -17.67
CIE <sub>LCh</sub>	79, 17.673, 269.494
Yxy	54.2560, 0.2766, 0.2914
Android (android.graphics.Color)	4289774819 (0xFFB0C4E3)
YUV	193.5540, 16.4889, -15.3949
Hunter-Lab	73.6587, -4.0776, -13.1799

# Details

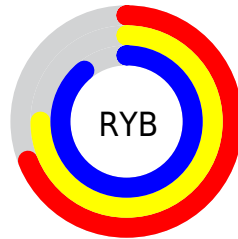
The Hex color **B0C4E3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E3CFB0**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **E8FDFF**, and **7B8EAC** is the 20% darker color. If you saturate the color by 10%, you get **99B6E3**, and if you desaturate by 10%, it is **C7D2E3**.

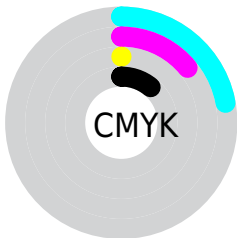
# Distribution



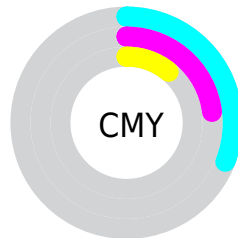
- Red (69%)
- Green (77%)
- Blue (89%)



- Red (69%)
- Yellow (75%)
- Blue (89%)



- Cyan (22%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (23%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0C4E3 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 B0C4E3 by changing the saturation by 10% instead.



 B0C4E3

 B0C4E3

FFFFFF

 95A9C7

 E8FDFD

 7B8EAC

 617591

 485C77

 30455E

 182F47

 001A30

 00011C

 000000

 B0C4E3

 B0C4E3

 99B6E3

 C7D2E3

 83A8E3

 DDE0E3

 6C9BE3

 F4EDE3


 558DE3

 FFFBE3

 3F7FE3

 FFFF E3

 2871E3

 1163E3

 0059E3

# Harmonies

## Analogous

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



9EC9DE



B0C4E3



C5BEDF

# Triad

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



B0C4E3



E5B8B3



ABCAB1

# Complementary

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



B0C4E3



E3CFB0

# 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.



BEC6A6



B0C4E3



DEBCA7

# Square

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



B0C4E3



E3B7C3



D0C1A2



9DCCC2

# Rectangle

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



B0C4E3



D2BBD8



D0C1A2



B1C9AD

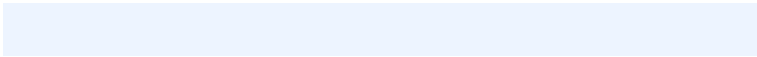


# Sweetspot

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



B0C4E3



EDF4FF



B0E3CF



757980



000000



808080



# Same Dimension

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



B0C4E3



BAD5FF



B5B0E3



676C73



0046B3



001433



# Inverse Universe

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



E3B0C4



FFBAD5



DEE3B0



73676C



B30046

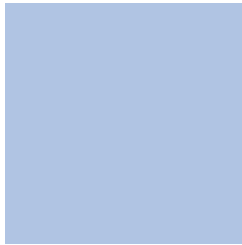


330014



# Previews

## White Background



This preview shows how the Hex color B0C4E3 looks on a white background.

## Color Contrast Check

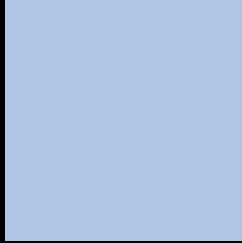
Large Text (above 18pt) WCAG AA × Fail

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 B0C4E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

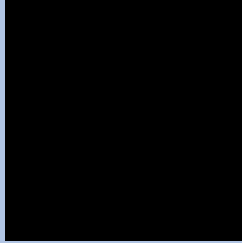
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0C4E3 Background



This preview shows how black text looks on a background with the Hex color B0C4E3.

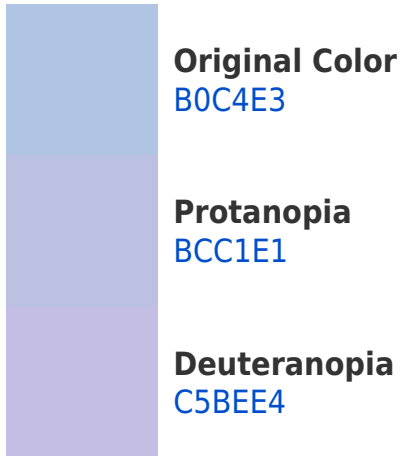


This preview shows how white text looks on a background with the Hex color B0C4E3.

# Color Blindness Simulation

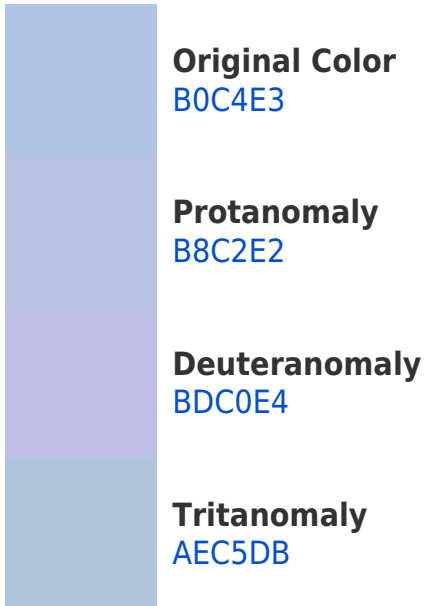
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

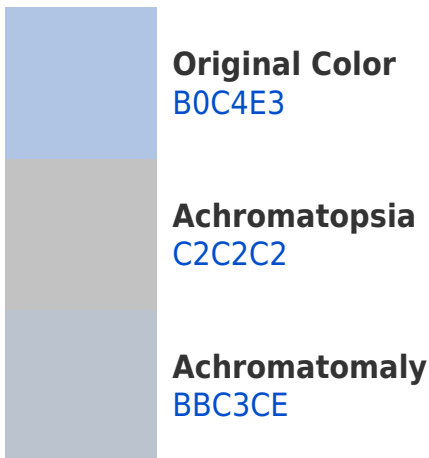




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0C4E3 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 #B0C4E3 looks like.

```
.text, #text, p{  
    color:#B0C4E3  
}
```

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 #B0C4E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0C4E3  
}
```

## Border

The CSS property to change the border of an element to Hex B0C4E3 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  
#B0C4E3 }
```

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

```
.border{ border-color:#B0C4E3 }
```

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

Here you see how a box with a 4 pixel #B0C4E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0C4E3; -webkit-box-shadow:4px 4px  
4px 4px #B0C4E3; box-shadow:4px 4px 4px  
4px #B0C4E3 }
```

# Background

The CSS property to change the background color of an element to Hex B0C4E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0C4E3 }
```

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

```
.background{ background-color:#B0C4E3 }
```

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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