

# Converting Colors

Hex(B0C4E8)

Have a look what the booklet for  
Hex(B0C4E8) contains.

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# **Color**

**Hex(B0C4E8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B0C4E8
RGB	176, 196, 232
RGB Percent	69%, 77%, 91%
CMY	0.3098, 0.2314, 0.0902
CMYK	0.24, 0.16, 0.00, 0.09
HSL	219°, 55%, 80%
HSV	219°, 24%, 91%
XYZ	52.2099, 54.5362, 84.1187
YIQ	194.1240, -23.4760, 6.9560

# Conversions

## Conversions Part 2

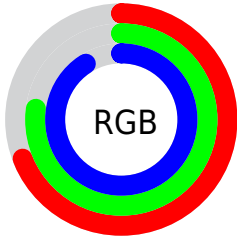
Format	Color
R <sub>Y</sub> B	176, 191, 232
Decimal	11584744
CIE Lab	78.77, 0.98, -20.11
CIE LCh	79, 20.138, 272.797
Yxy	54.5362, 0.2735, 0.2857
Android (android.graphics.Color)	4289774824 (0xFFB0C4E8)
YUV	194.1240, 18.6729, -15.8947
Hunter-Lab	73.8486, -3.0381, -15.8414

# Details

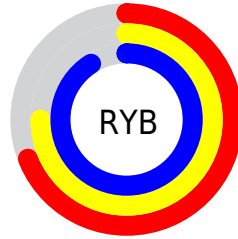
The Hex color **B0C4E8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E8D4B0**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **E8FDFF**, and **7A8EB0** is the 20% darker color. If you saturate the color by 10%, you get **99B5E8**, and if you desaturate by 10%, it is **C7D3E8**.

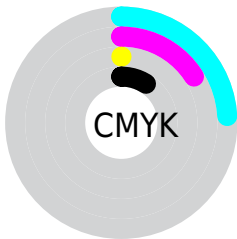
# Distribution



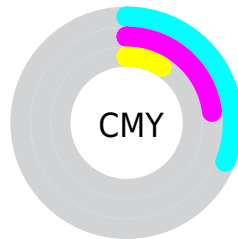
- Red (69%)
- Green (77%)
- Blue (91%)



- Red (69%)
- Yellow (75%)
- Blue (91%)



- Cyan (24%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (23%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0C4E8 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 B0C4E8 by changing the saturation by 10% instead.



 B0C4E8


 B0C4E8

FFFFFF

 95A9CC

 E8FDFD

 7A8EB0

 617596

 485C7C

 2F4563

 172F4B

 001A34

 00021F

 000002

 B0C4E8

 B0C4E8

 99B5E8

 C7D3E8

 82A6E8

 DEE2E8

 6A97E8

 F6F1E8

 5388E8

 FFFFE8

 3C79E8

 256BE8

 0E5CE8

 0053E8

# Harmonies

## Analogous

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



9BCAE4



B0C4E8



C9BEE2

# Triad

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



B0C4E8



E9B7B0



A6CCB1

# Complementary

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



B0C4E8



E8D4B0

# 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.



BBC8A3



B0C4E8



E0BCA2

# Square

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



B0C4E8



E9B6C2



D0C29E



96CEC4

# Rectangle

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



B0C4E8



D7BADA



D0C29E



ADCBAC

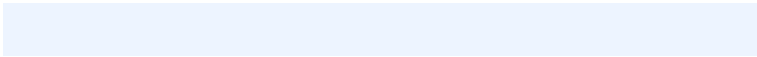


# Sweetspot

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



B0C4E8



EDF4FF



B0E8D3



757980



000000



808080



# Same Dimension

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



B0C4E8



B5CFFF



B7B0E8



676B73



0040B3



001233



# Inverse Universe

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



E8B0C4



FFB5CF



E1E8B0



73676B



B30040

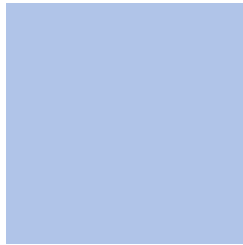


330012



# Previews

## White Background



This preview shows how the Hex color B0C4E8 looks on a white background.

## Color Contrast Check

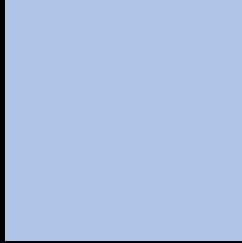
Large Text (above 18pt) WCAG AA × Fail

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 B0C4E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

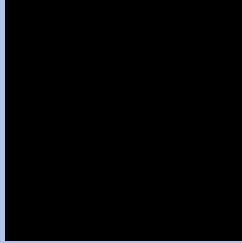
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B0C4E8 Background



This preview shows how black text looks on a background with the Hex color B0C4E8.

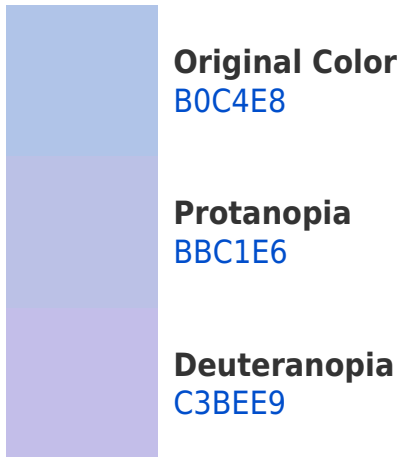


This preview shows how white text looks on a background with the Hex color B0C4E8.

# Color Blindness Simulation

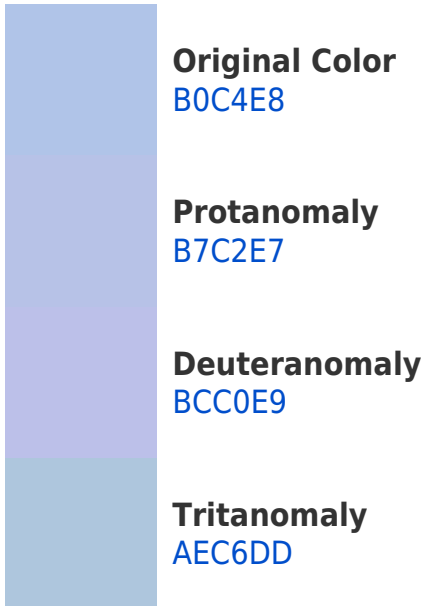
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

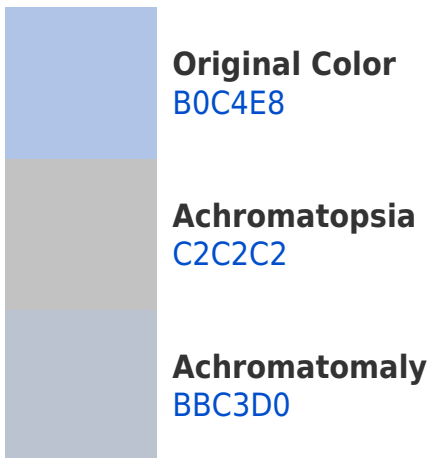




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0C4E8 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 #B0C4E8 looks like.

```
.text, #text, p{  
    color:#B0C4E8  
}
```

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 #B0C4E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0C4E8
}
```

## Border

The CSS property to change the border of an element to Hex B0C4E8 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
#B0C4E8 }
```

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

```
.border{ border-color:#B0C4E8 }
```

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

Here you see how a box with a 4 pixel #B0C4E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0C4E8; -webkit-box-shadow:4px 4px  
4px 4px #B0C4E8; box-shadow:4px 4px 4px  
4px #B0C4E8 }
```

# Background

The CSS property to change the background color of an element to Hex B0C4E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0C4E8 }
```

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

```
.background{ background-color:#B0C4E8 }
```

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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