

Converting Colors

Hex(B3C8E6)

Have a look what the booklet for
Hex(B3C8E6) contains.

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Color

Hex(B3C8E6)

Conversions

Conversions Part 1

Format	Color
Hex	B3C8E6
RGB	179, 200, 230
RGB Percent	70%, 78%, 90%
CMY	0.2980, 0.2157, 0.0980
CMYK	0.22, 0.13, 0.00, 0.10
HSL	215°, 50%, 80%
HSV	215°, 22%, 90%
XYZ	53.5276, 56.6054, 82.9676
YIQ	197.1410, -22.1460, 4.8780

Conversions

Conversions Part 2

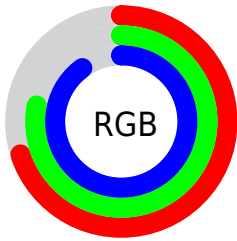
Format	Color
R _Y B	179, 194, 230
Decimal	11782374
CIE Lab	79.96, -0.70, -17.23
CIE LCh	80, 17.246, 267.661
Yxy	56.6054, 0.2772, 0.2931
Android (android.graphics.Color)	4289972454 (0xFFB3C8E6)
YUV	197.1410, 16.1995, -15.9097
Hunter-Lab	75.2366, -4.6689, -12.7168

Details

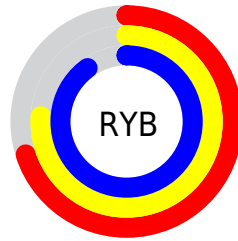
The Hex color **B3C8E6** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E6D1B3**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **EBFFFF**, and **7D92AE** is the 20% darker color. If you saturate the color by 10%, you get **9CBAE6**, and if you desaturate by 10%, it is **CAD6E6**.

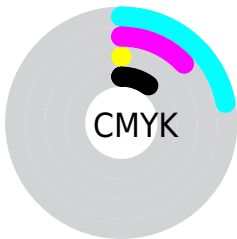
Distribution



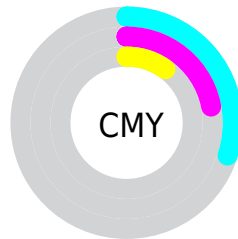
- Red (70%)
- Green (78%)
- Blue (90%)



- Red (70%)
- Yellow (76%)
- Blue (90%)



- Cyan (22%)
- Magenta (13%)
- Yellow (0%)
- Black (10%)



- Cyan (30%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3C8E6 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 B3C8E6 by changing the saturation by 10% instead.

 B3C8E6

 B3C8E6

FFFFFF

 98ADCA

 EBFFFF

 7D92AE

 647894

 4B607A

 334861

 1B3249

 021D33

 00021E

 000000

 B3C8E6

 B3C8E6

 9CBAE6

 CAD6E6

 85ADE6

 E1E3E6

 6E9FE6

 F8F1E6


 5792E6

 FFFEE6

 4084E6

 FFFFEE6

 2977E6

 1269E6

 005FE6

Harmonies

Analogous

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



A2CDE1



B3C8E6



C8C3E3

Triad

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



B3C8E6



E8BCB8



B0CEB5

Complementary

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



B3C8E6



E6D1B3

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.



C3CAA



B3C8E6



E2C0AC

Square

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



B3C8E6



E6BBC8



D4C5A6



A2D0C4

Rectangle

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



B3C8E6



D5BFDC



D4C5A6



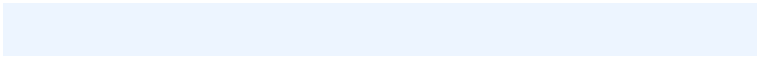
B6CDB0

Sweetspot

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



B3C8E6



EDF5FF



B3E6D1



757A80



000000



808080

Same Dimension

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



B3C8E6



BAD7FF



B7B3E6



676C73



004AB3



001533

Inverse Universe

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



E6B3C8



FFBAD7



E2E6B3



73676C



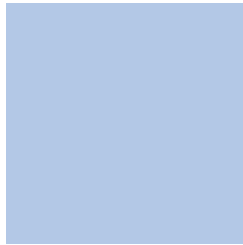
B3004A



330015

Previews

White Background



This preview shows how the Hex color B3C8E6 looks on a white background.

Color Contrast Check

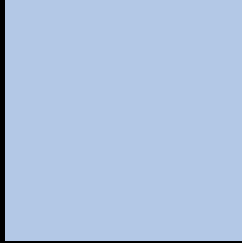
Large Text (above 18pt) WCAG AA × Fail

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 B3C8E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

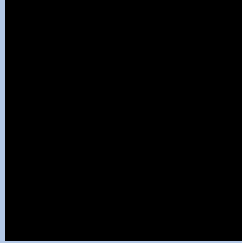
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

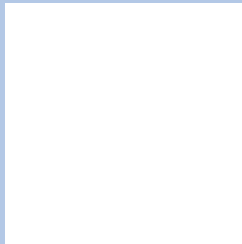
Any Text WCAG AAA ✓ Pass

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

Hex B3C8E6 Background



This preview shows how black text looks on a background with the Hex color B3C8E6.

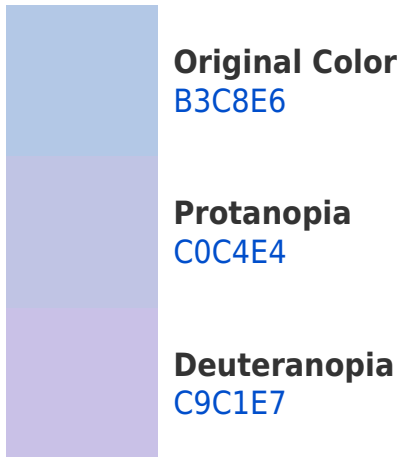


This preview shows how white text looks on a background with the Hex color B3C8E6.

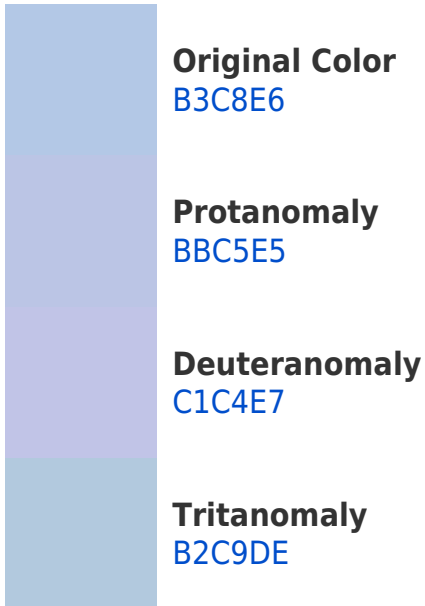
Color Blindness Simulation

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](#).

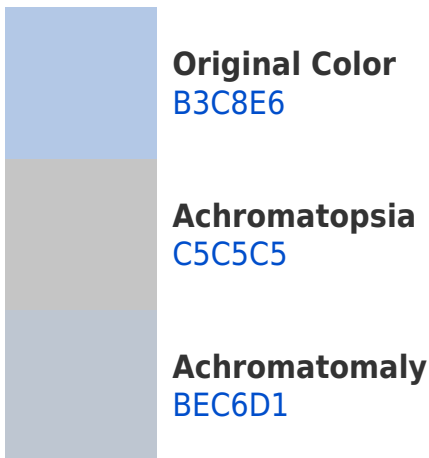
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3C8E6 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 #B3C8E6 looks like.

```
.text, #text, p{  
    color:#B3C8E6  
}
```

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 #B3C8E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3C8E6
}
```

Border

The CSS property to change the border of an element to Hex B3C8E6 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
#B3C8E6 }
```

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

```
.border{ border-color:#B3C8E6 }
```

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

Here you see how a box with a 4 pixel #B3C8E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3C8E6; -webkit-box-shadow:4px 4px  
4px 4px #B3C8E6; box-shadow:4px 4px 4px  
4px #B3C8E6 }
```

Background

The CSS property to change the background color of an element to Hex B3C8E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3C8E6 }
```

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

```
.background{ background-color:#B3C8E6 }
```

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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