

# Converting Colors

Hex(B3C6E3)

Have a look what the booklet for  
Hex(B3C6E3) contains.

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# Color

**Hex(B3C6E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3C6E3
RGB	179, 198, 227
RGB Percent	70%, 78%, 89%
CMY	0.2980, 0.2235, 0.1098
CMYK	0.21, 0.13, 0.00, 0.11
HSL	216°, 46%, 80%
HSV	216°, 21%, 89%
XYZ	52.6496, 55.5179, 80.6141
YIQ	195.6250, -20.6330, 4.9910

# Conversions

## Conversions Part 2

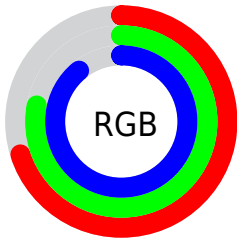
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	179, 193, 227
Decimal	11781859
CIE Lab	79.34, -0.31, -16.55
CIE LCh	79, 16.557, 268.935
Yxy	55.5179, 0.2789, 0.2941
Android (android.graphics.Color)	4289971939 (0xFFB3C6E3)
YUV	195.6250, 15.4679, -14.5801
Hunter-Lab	74.5104, -4.2636, -11.9897

# Details

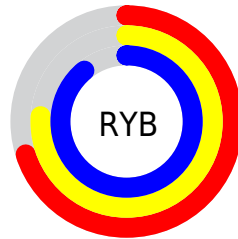
The Hex color **B3C6E3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E3D0B3**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **EBFFFF**, and **7E90AC** is the 20% darker color. If you saturate the color by 10%, you get **9CB8E3**, and if you desaturate by 10%, it is **CAD4E3**.

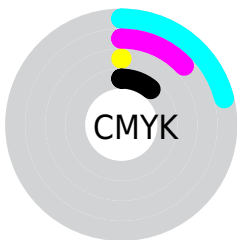
# Distribution



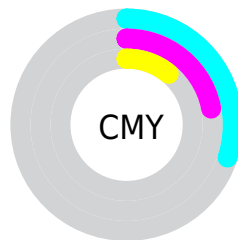
- Red (70%)
- Green (78%)
- Blue (89%)



- Red (70%)
- Yellow (76%)
- Blue (89%)



- Cyan (21%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (30%)
- Magenta (22%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3C6E3 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 B3C6E3 by changing the saturation by 10% instead.



 B3C6E3

 B3C6E3

FFFFFF

 98ABC7

 EBFFFF

 7E90AC

 647791

 4B5E77

 33465F

 1C3047

 031B30

 00011C

 000000

 B3C6E3

 B3C6E3

 9CB8E3

 CAD4E3

 86ABE3

 E0E1E3

 6F9DE3

 F7EFE3

 588FE3

 FFFDE3

 4181E3

 FFFF E3

 2B74E3

 1466E3

 005AE3

# Harmonies

## Analogous

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



A3CADE



B3C6E3



C7C1DF

# Triad

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



B3C6E3



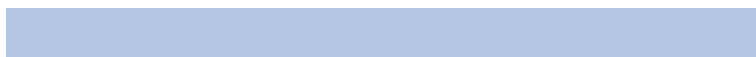
E5BBB6



AFCCB4

# Complementary

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



B3C6E3



E3D0B3

# 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.



C0C8A9



B3C6E3



DFBEAB

# Square

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



B3C6E3



E3BAC6



D2C3A6



A1CEC3

# Rectangle

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



B3C6E3



D3BED9



D2C3A6



B5CBB0

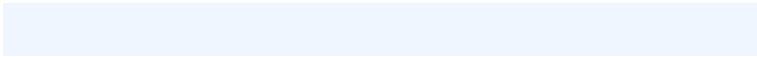


# Sweetspot

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



B3C6E3



F0F6FF



B3E3D0



777A80



000000



808080



# Same Dimension

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



B3C6E3



BFD8FF



B8B3E3



676C73



0047B3



001433



# Inverse Universe

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



E3B3C6



FFBFD8



DEE3B3



73676C



B30047

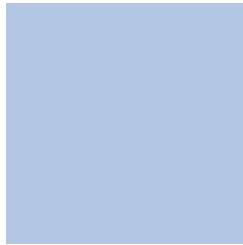


330014



# Previews

## White Background



This preview shows how the Hex color B3C6E3 looks on a white background.

## Color Contrast Check

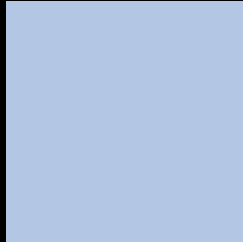
Large Text (above 18pt) WCAG AA × Fail

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 B3C6E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

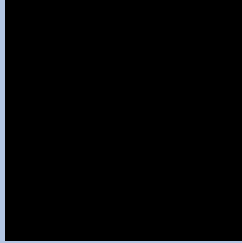
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

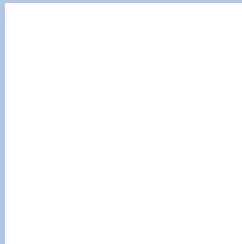
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3C6E3 Background



This preview shows how black text looks on a background with the Hex color B3C6E3.

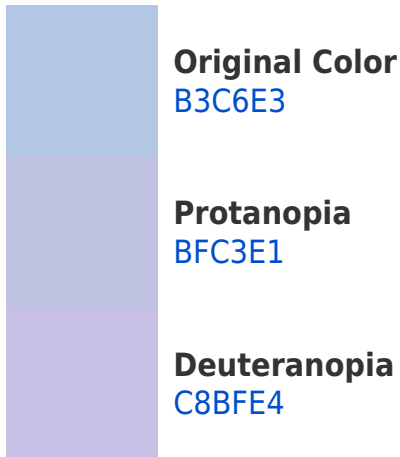


This preview shows how white text looks on a background with the Hex color B3C6E3.

# 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](#).

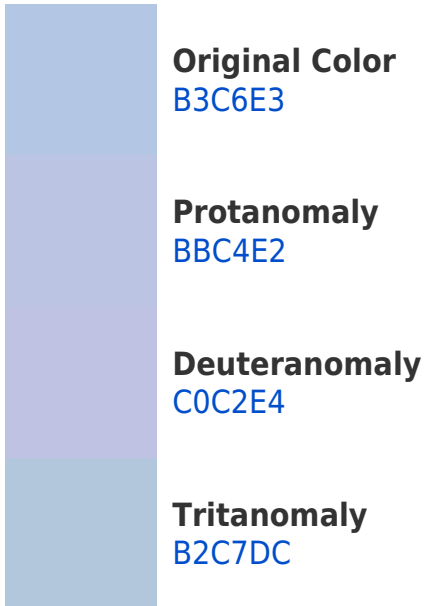
## Dichromacy



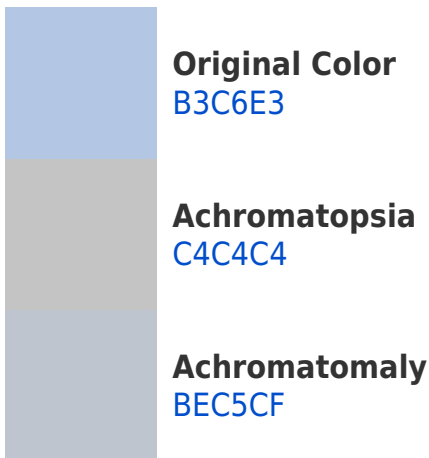


**Tritanopia**  
B1C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3C6E3 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 #B3C6E3 looks like.

```
.text, #text, p{  
    color:#B3C6E3  
}
```

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 #B3C6E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3C6E3
}
```

## Border

The CSS property to change the border of an element to Hex B3C6E3 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
#B3C6E3 }
```

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

```
.border{ border-color:#B3C6E3 }
```

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

Here you see how a box with a 4 pixel #B3C6E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3C6E3; -webkit-box-shadow:4px 4px  
4px 4px #B3C6E3; box-shadow:4px 4px 4px  
4px #B3C6E3 }
```

# Background

The CSS property to change the background color of an element to Hex B3C6E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3C6E3 }
```

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

```
.background{ background-color:#B3C6E3 }
```

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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