

# Converting Colors

Hex(B5C5E4)

Have a look what the booklet for  
Hex(B5C5E4) contains.

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# **Color**

**Hex(B5C5E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5C5E4
RGB	181, 197, 228
RGB Percent	71%, 77%, 89%
CMY	0.2902, 0.2275, 0.1059
CMYK	0.21, 0.14, 0.00, 0.11
HSL	220°, 47%, 80%
HSV	220°, 21%, 89%
XYZ	53.0259, 55.3577, 81.2891
YIQ	195.7500, -19.4870, 6.2490

# Conversions

## Conversions Part 2

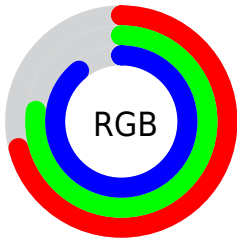
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 193, 228
Decimal	11912676
CIE Lab	79.25, 1.06, -17.22
CIE LCh	79, 17.249, 273.536
Yxy	55.3577, 0.2796, 0.2919
Android (android.graphics.Color)	4290102756 (0xFFB5C5E4)
YUV	195.7500, 15.8993, -12.9357
Hunter-Lab	74.4028, -2.9901, -12.6957

# Details

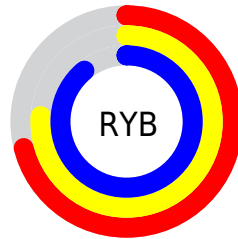
The Hex color **B5C5E4** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E4D4B5**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **EDFEFF**, and **808FAD** is the 20% darker color. If you saturate the color by 10%, you get **9EB6E4**, and if you desaturate by 10%, it is **CCD4E4**.

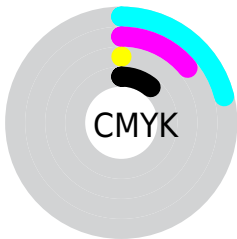
# Distribution



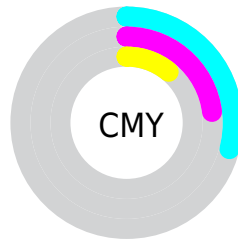
- Red (71%)
- Green (77%)
- Blue (89%)



- Red (71%)
- Yellow (76%)
- Blue (89%)



- Cyan (21%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (23%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5C5E4 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 B5C5E4 by changing the saturation by 10% instead.



 B5C5E4

 B5C5E4

FFFFFF

 9AAAC8

 EDFFEF

 808FAD

 667692

 4D5D78

 35465F

 1E2F48

 051B31

 00021C

 000000

 B5C5E4


 B5C5E4

 9EB6E4

 CCD4E4

 87A7E4

 E3E3E4

 7198E4

 F9F2E4

 5A89E4

 FFFFE4

 437AE4

 2C6BE4

 155CE4

 004EE4

# Harmonies

## Analogous

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



A3CAE0



B5C5E4



CAC0DF

# Triad

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



B5C5E4



E6BBB3



ABCCB6

# Complementary

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



B5C5E4



E4D4B5

# 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.



BDC9A9



B5C5E4



DEBFA8

# Square

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



B5C5E4



E5B9C3



CFC4A4



9ECEC6

# Rectangle

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



B5C5E4



D6BCD8



CFC4A4



B1CBB1



# Sweetspot

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



B5C5E4



F0F5FF



B5E4D4



777A80



000000



808080



# Same Dimension

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



B5C5E4



BFD5FF



BCB5E4



676B73



003DB3



001133



# Inverse Universe

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



E4B5C5



FFBFD5



DDE4B5



73676B



B3003D

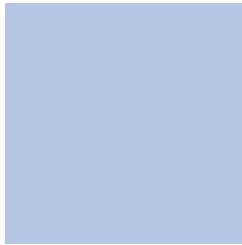


330011



# Previews

## White Background



This preview shows how the Hex color B5C5E4 looks on a white background.

## Color Contrast Check

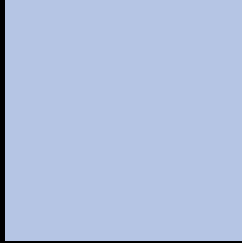
Large Text (above 18pt) WCAG AA × Fail

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 B5C5E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

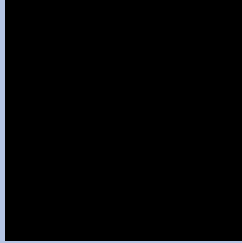
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5C5E4 Background



This preview shows how black text looks on a background with the Hex color B5C5E4.

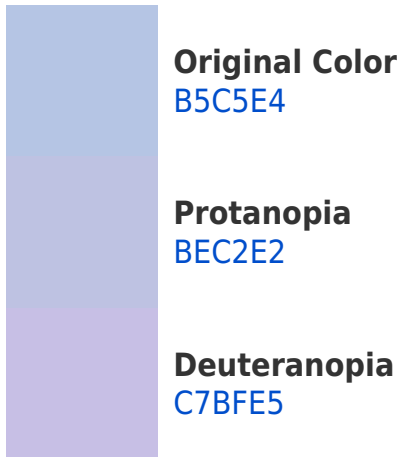


This preview shows how white text looks on a background with the Hex color B5C5E4.

# 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](#).

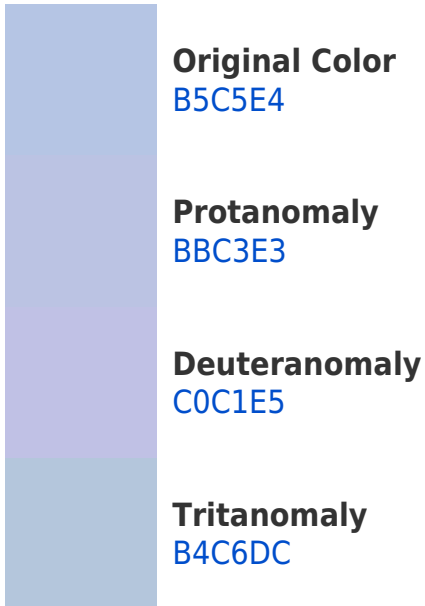
## Dichromacy



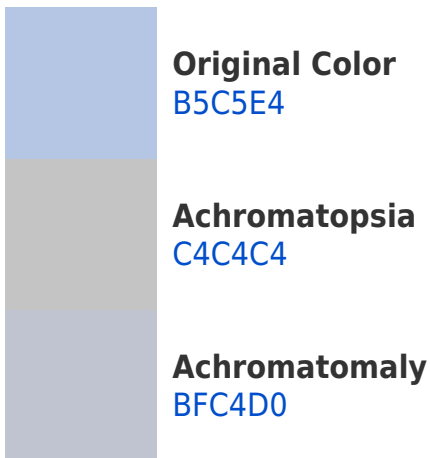


**Tritanopia**  
B3C7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5C5E4 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 #B5C5E4 looks like.

```
.text, #text, p{  
    color:#B5C5E4  
}
```

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 #B5C5E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5C5E4  
}
```

## Border

The CSS property to change the border of an element to Hex B5C5E4 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  
#B5C5E4 }
```

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

```
.border{ border-color:#B5C5E4 }
```

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

Here you see how a box with a 4 pixel #B5C5E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5C5E4; -webkit-box-shadow:4px 4px  
4px 4px #B5C5E4; box-shadow:4px 4px 4px  
4px #B5C5E4 }
```

# Background

The CSS property to change the background color of an element to Hex B5C5E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5C5E4 }
```

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

```
.background{ background-color:#B5C5E4 }
```

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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