

# Converting Colors

Hex(B5CDE3)

Have a look what the booklet for  
Hex(B5CDE3) contains.

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# **Color**

**Hex(B5CDE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5CDE3
RGB	181, 205, 227
RGB Percent	71%, 80%, 89%
CMY	0.2902, 0.1961, 0.1098
CMYK	0.20, 0.10, 0.00, 0.11
HSL	209°, 45%, 80%
HSV	209°, 20%, 89%
XYZ	54.7525, 59.0325, 81.1817
YIQ	200.3320, -21.3660, 1.7540

# Conversions

## Conversions Part 2

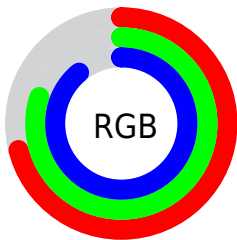
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 197, 227
Decimal	11914723
CIELab	81.31, -3.41, -13.58
CIELCh	81, 14.001, 255.917
Yxy	59.0325, 0.2808, 0.3028
Android (android.graphics.Color)	4290104803 (0xFFB5CDE3)
YUV	200.3320, 13.1473, -16.9542
Hunter-Lab	76.8326, -7.2542, -8.8633

# Details

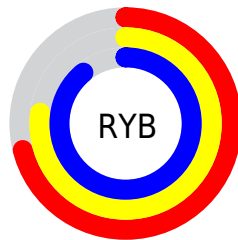
The Hex color **B5CDE3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E3CBB5**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **EDFFFF**, and **8097AC** is the 20% darker color. If you saturate the color by 10%, you get **9EC2E3**, and if you desaturate by 10%, it is **CCD8E3**.

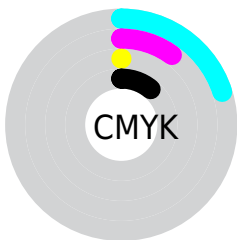
# Distribution



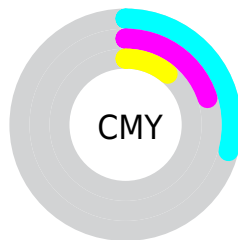
- Red (71%)
- Green (80%)
- Blue (89%)



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



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (20%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5CDE3 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 B5CDE3 by changing the saturation by 10% instead.



 B5CDE3

 B5CDE3

FFFFFF

 9AB2C7

 EDFFFF

 8097AC

 667D91

 4D6477

 354C5F

 1E3647

 052030

 00091C

 000000

 B5CDE3

 B5CDE3

 9EC2E3

 CCD8E3

 88B7E3

 E2E3E3

 71ACE3

 F9EEE3

 5AA2E3

 FFF8E3

 4497E3

 FFFF E3

 2D8CE3

 1681E3

 0076E3

# Harmonies

## Analogous

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



ABD0DC



B5CDE3



C5C9E3

# Triad

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



B5CDE3



E6C1C3



BECFB8

# Complementary

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



B5CDE3



E3CBB5

# 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.



CDCBB1



B5CDE3



E4C3B8

# Square

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



B5CDE3



E1C2D1



DBC7B1



B1D1C3

# Rectangle

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



B5CDE3



D0C6DF



DBC7B1



C3CEB5

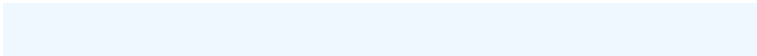


# Sweetspot

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



B5CDE3



F0F8FF



B5E3CA



777B80



000000



808080

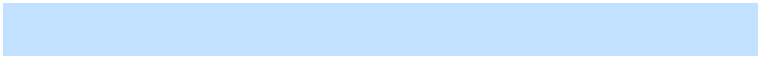


# Same Dimension

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



B5CDE3



C2E2FF



B5B7E3



676D73



005DB3



001B33



# Inverse Universe

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



E3B5CD



FFC2E2



E3E1B5



73676D



B3005D

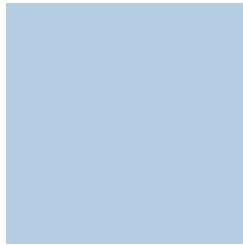


33001B



# Previews

## White Background



This preview shows how the Hex color B5CDE3 looks on a white background.

## Color Contrast Check

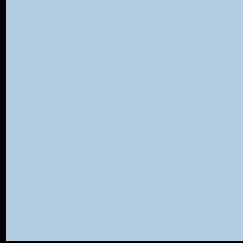
Large Text (above 18pt) WCAG AA × Fail

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 B5CDE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

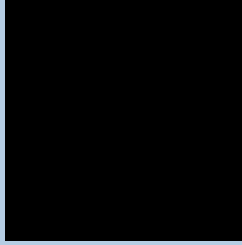
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

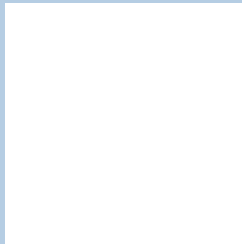
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5CDE3 Background



This preview shows how black text looks on a background with the Hex color B5CDE3.

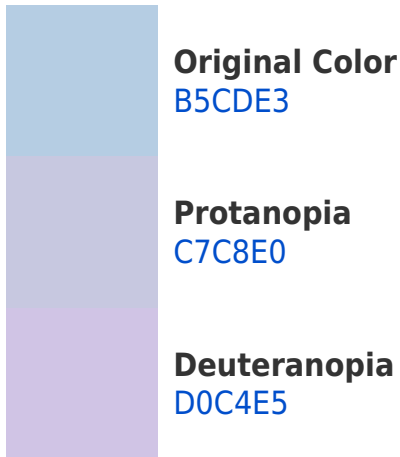


This preview shows how white text looks on a background with the Hex color B5CDE3.

# Color Blindness Simulation

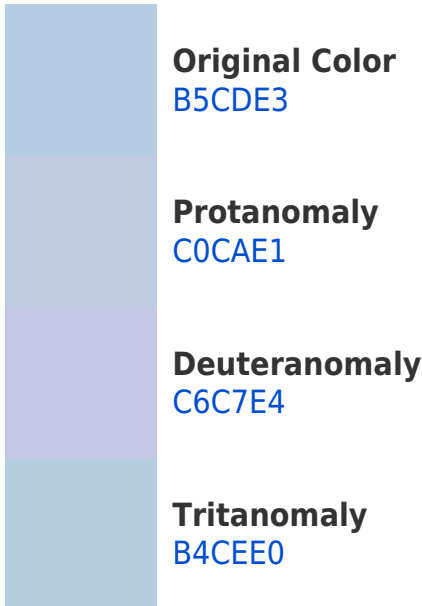
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

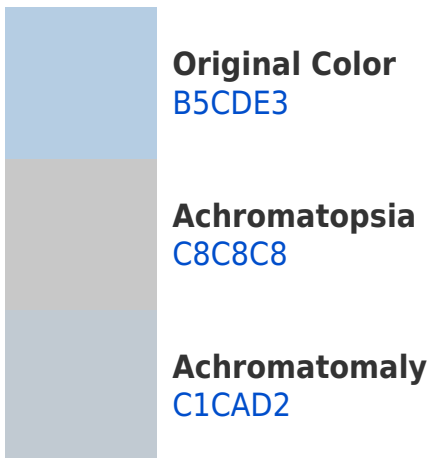




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5CDE3 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 #B5CDE3 looks like.

```
.text, #text, p{  
    color:#B5CDE3  
}
```

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 #B5CDE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5CDE3  
}
```

## Border

The CSS property to change the border of an element to Hex B5CDE3 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  
#B5CDE3 }
```

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

```
.border{ border-color:#B5CDE3 }
```

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

Here you see how a box with a 4 pixel #B5CDE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5CDE3; -webkit-box-shadow:4px 4px  
4px 4px #B5CDE3; box-shadow:4px 4px 4px  
4px #B5CDE3 }
```

# Background

The CSS property to change the background color of an element to Hex B5CDE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5CDE3 }
```

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

```
.background{ background-color:#B5CDE3 }
```

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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