

# Converting Colors

Hex(BCD4E6)

Have a look what the booklet for  
Hex(BCD4E6) contains.

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# **Color**

**Hex(BCD4E6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BCD4E6
RGB	188, 212, 230
RGB Percent	74%, 83%, 90%
CMY	0.2627, 0.1686, 0.0980
CMYK	0.18, 0.08, 0.00, 0.10
HSL	206°, 46%, 82%
HSV	206°, 18%, 90%
XYZ	58.5654, 63.4915, 84.0313
YIQ	206.8760, -20.0820, 0.5100

# Conversions

## Conversions Part 2

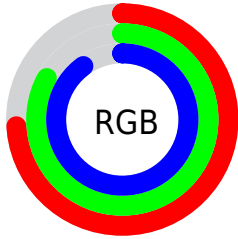
Format	Color
<a href="#">RYB</a>	<a href="#">188, 203, 230</a>
Decimal	<a href="#">12375270</a>
CIELab	<a href="#">83.70, -4.27, -11.56</a>
CIElCh	<a href="#">84, 12.319, 249.716</a>
Yxy	<a href="#">63.4915, 0.2842, 0.3081</a>
Android (android.graphics.Color)	<a href="#">4290565350</a> ( <a href="#">0xFFBCD4E6</a> )
YUV	<a href="#">206.8760, 11.4001, -16.5543</a>
Hunter-Lab	<a href="#">79.6816, -8.2463, -6.7495</a>

# Details

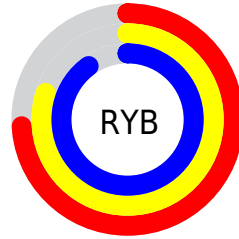
The Hex color **BCD4E6** is a light color, and the websafe version is hex **CCCCCC**, and the color name is **beau blue**. A complement of this color would be **E6CEBC**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **F5FFFF**, and **869DAE** is the 20% darker color. If you saturate the color by 10%, you get **A5CAE6**, and if you desaturate by 10%, it is **D3DEE6**.

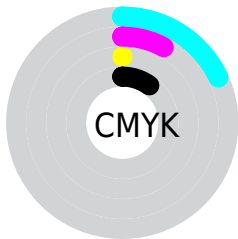
# Distribution



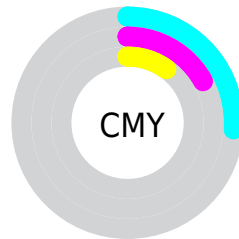
- Red (74%)
- Green (83%)
- Blue (90%)



- Red (74%)
- Yellow (80%)
- Blue (90%)



- Cyan (18%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)



- Cyan (26%)
- Magenta (17%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCD4E6 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 BCD4E6 by changing the saturation by 10% instead.



■ BCD4E6

FFFFFF

■ F5FFFF

■ BCD4E6

■ A1B8CA

■ 869DAE

■ 6D8394

■ 546A7A

■ 3C5261

■ 253B49

■ 0D2533

■ 00111E

■ 000002

BCD4E6

BCD4E6

A5CAE6

D3DEE6

8EC0E6

EAE8E6

77B6E6

FFF2E6

60ADE6

FFFBE6

49A3E6

FFFFE6

3299E6

1B8FE6

0485E6

0083E6

# Harmonies

## Analogous

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



B4D7DF



BCD4E6



C9D0E7

# Triad

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



BCD4E6



E9C9CD



C9D5BF

# Complementary

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



BCD4E6



E6CEBC

# 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.



D6D1BA



BCD4E6



E9CAC2

# Square

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



BCD4E6



E3CAD9



E2CDBB



BDD7C8

# Rectangle

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



BCD4E6



D3CEE5



E2CDBB



CDD3BC



# Sweetspot

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



BCD4E6



F2FAFF



BCE6CE



787C80



000000



808080

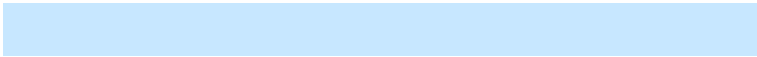


# Same Dimension

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



BCD4E6



C7E7FF



BCC0E6



676E73



0066B3



001D33



# Inverse Universe

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



E6BCD4



FFC7E7



E6E3BC



73676E



B30066

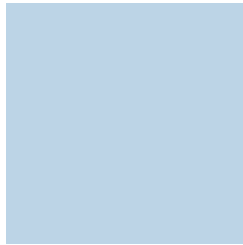


33001D



# Previews

## White Background



This preview shows how the Hex color BCD4E6 looks on a white background.

## Color Contrast Check

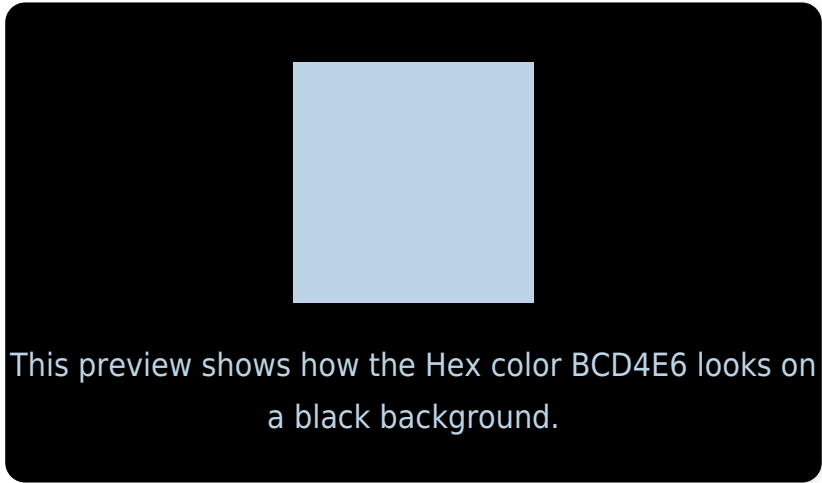
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

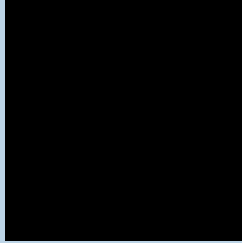
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

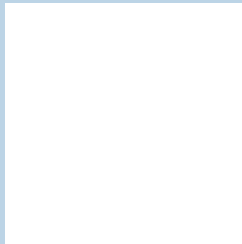
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BCD4E6 Background



This preview shows how black text looks on a background with the Hex color BCD4E6.

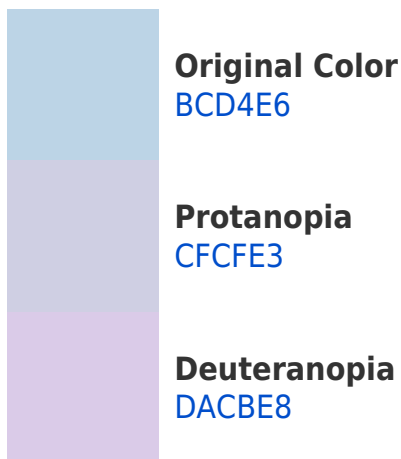


This preview shows how white text looks on a background with the Hex color BCD4E6.

# Color Blindness Simulation

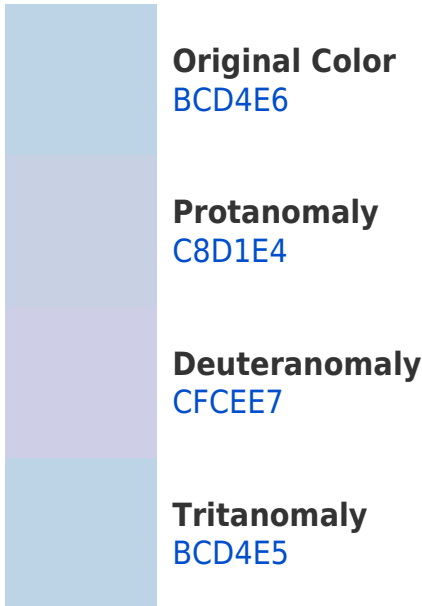
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

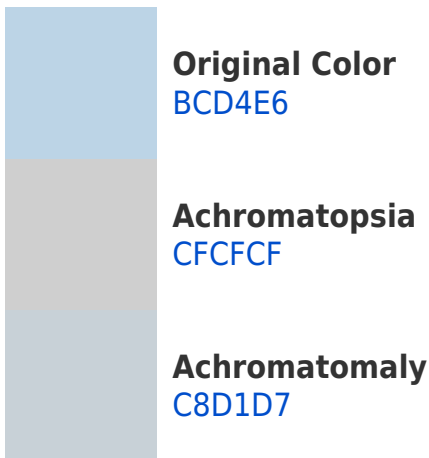




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCD4E6 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 #BCD4E6 looks like.

```
.text, #text, p{  
    color:#BCD4E6  
}
```

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 #BCD4E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCD4E6
}
```

## Border

The CSS property to change the border of an element to Hex BCD4E6 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
#BCD4E6 }
```

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

```
.border{ border-color:#BCD4E6 }
```

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

Here you see how a box with a 4 pixel #BCD4E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCD4E6; -webkit-box-shadow:4px 4px  
4px 4px #BCD4E6; box-shadow:4px 4px 4px  
4px #BCD4E6 }
```

# Background

The CSS property to change the background color of an element to Hex BCD4E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCD4E6 }
```

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

```
.background{ background-color:#BCD4E6 }
```

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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