

Converting Colors

Hex(B4CDD6)

Have a look what the booklet for
Hex(B4CDD6) contains.

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Color

Hex(B4CDD6)

Conversions

Conversions Part 1

Format	Color
Hex	B4CDD6
RGB	180, 205, 214
RGB Percent	71%, 80%, 84%
CMY	0.2941, 0.1961, 0.1608
CMYK	0.16, 0.04, 0.00, 0.16
HSL	196°, 29%, 77%
HSV	196°, 16%, 84%
XYZ	52.7913, 58.2210, 72.0737
YIQ	198.5510, -17.7890, -2.5010

Conversions

Conversions Part 2

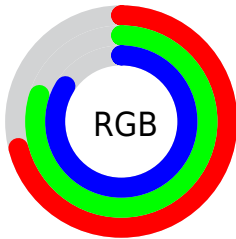
Format	Color
R _Y B	180, 194, 214
Decimal	11849174
CIE Lab	80.86, -6.50, -7.30
CIE LCh	81, 9.776, 228.299
Yxy	58.2210, 0.2883, 0.3180
Android (android.graphics.Color)	4290039254 (0xFFB4CDD6)
YUV	198.5510, 7.6164, -16.2692
Hunter-Lab	76.3027, -10.0314, -2.5921

Details

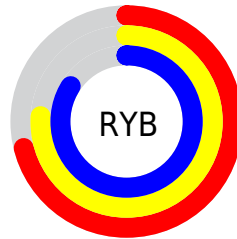
The Hex color **B4CDD6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D6BDB4**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **ECFFFF**, and **7F979F** is the 20% darker color. If you saturate the color by 10%, you get **9FC7D6**, and if you desaturate by 10%, it is **C9D3D6**.

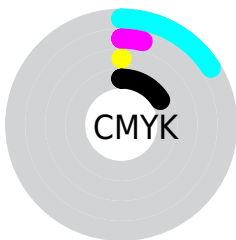
Distribution



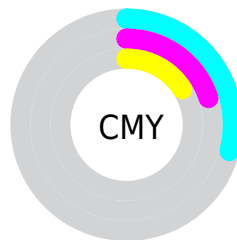
- Red (71%)
- Green (80%)
- Blue (84%)



- Red (71%)
- Yellow (76%)
- Blue (84%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4CDD6 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 B4CDD6 by changing the saturation by 10% instead.

 B4CDD6

 B4CDD6

FFFFFF

 99B2BA

 ECFFFF

 7F979F

 657D85

 4D646C

 364C54

 1F353D

 092027

 000713

 000000

 B4CDD6

 B4CDD6

 9FC7D6

 C9D3D6

 89C2D6

 DFD8D6

 74BCD6

 F4DED6

 5EB6D6

 FFE4D6

 49B1D6

 FFE9D6

 34ABD6

 FFEFD6

 1EA5D6

 FFF5D6

 09A0D6

 FFFAD6

 009DD6

 FFFF6D6

Harmonies

Analogous

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



B2CECE



B4CDD6



BBCBDA

Triad

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



B4CDD6



D9C3CD



CACAB7

Complementary

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



B4CDD6



D6BDB4

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.



D4C7B7



B4CDD6



DDC3C3

Square

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



B4CDD6



D1C5D5



DBC4BB



C0CCBC

Rectangle

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



B4CDD6



C2C9DB



DBC4BB



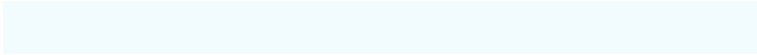
CEC9B7

Sweetspot

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



B4CDD6



F2FCFF



B4D6BD



787D80



000000



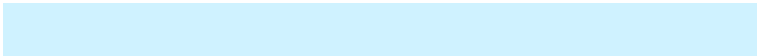
808080

Same Dimension

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



B4CDD6



CFF2FF



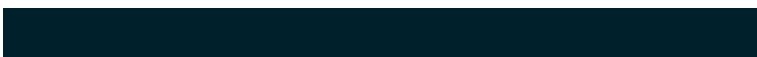
B4BDD6



60686B



007EAB



00202B

Inverse Universe

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



D6B4CD



FFCFF2



D6CEB4



6B6068



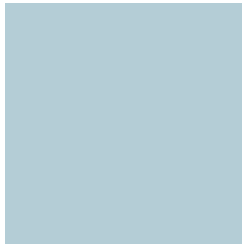
AB007E



2B0020

Previews

White Background



This preview shows how the Hex color B4CDD6 looks on a white background.

Color Contrast Check

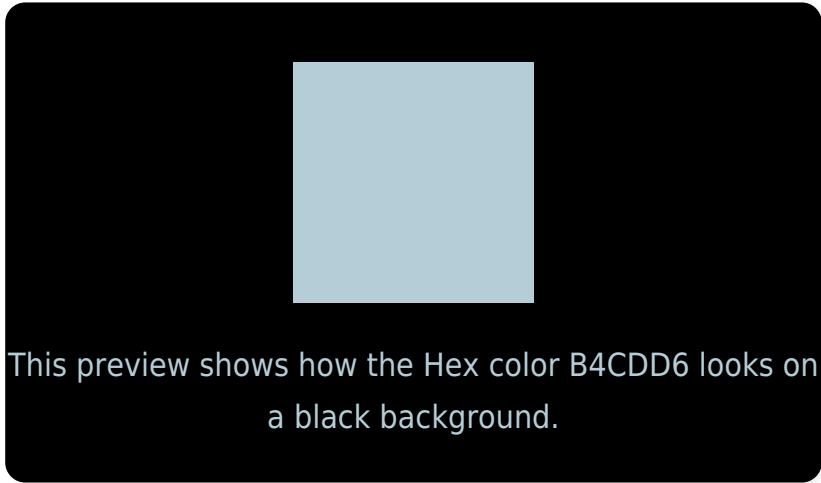
Large Text (above 18pt) WCAG AA × Fail

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

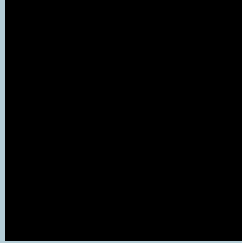
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

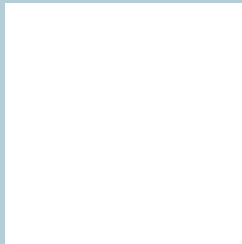
Any Text WCAG AAA ✓ Pass

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

Hex B4CDD6 Background



This preview shows how black text looks on a background with the Hex color B4CDD6.

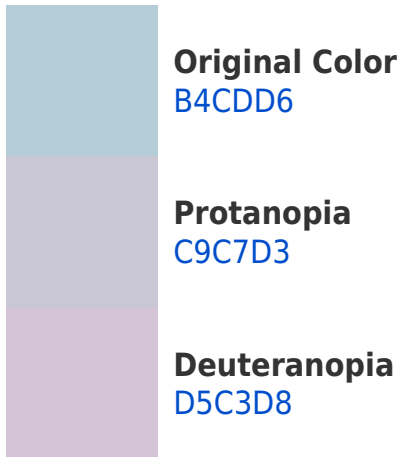


This preview shows how white text looks on a background with the Hex color B4CDD6.

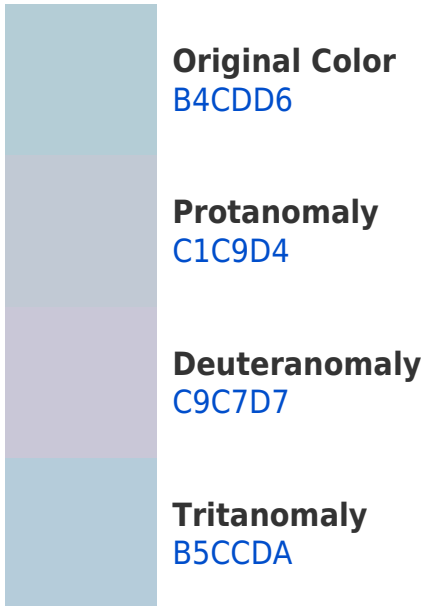
Color Blindness Simulation

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](#).

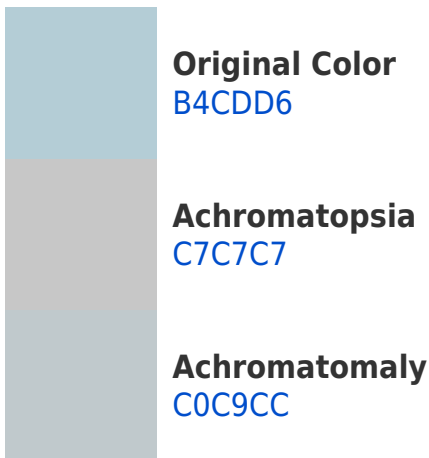
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4CDD6 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 #B4CDD6 looks like.

```
.text, #text, p{  
    color:#B4CDD6  
}
```

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 #B4CDD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4CDD6  
}
```

Border

The CSS property to change the border of an element to Hex B4CDD6 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  
#B4CDD6 }
```

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

```
.border{ border-color:#B4CDD6 }
```

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

Here you see how a box with a 4 pixel #B4CDD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4CDD6; -webkit-box-shadow:4px 4px  
4px 4px #B4CDD6; box-shadow:4px 4px 4px  
4px #B4CDD6 }
```

Background

The CSS property to change the background color of an element to Hex B4CDD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4CDD6 }
```

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

```
.background{ background-color:#B4CDD6 }
```

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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