

Converting Colors

Hex(B5CDD8)

Have a look what the booklet for
Hex(B5CDD8) contains.

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Color

Hex(B5CDD8)

Conversions

Conversions Part 1

Format	Color
Hex	B5CDD8
RGB	181, 205, 216
RGB Percent	71%, 80%, 85%
CMY	0.2902, 0.1961, 0.1529
CMYK	0.16, 0.05, 0.00, 0.15
HSL	199°, 31%, 78%
HSV	199°, 16%, 85%
XYZ	53.2820, 58.4443, 73.4384
YIQ	199.0780, -17.8350, -1.6670

Conversions

Conversions Part 2

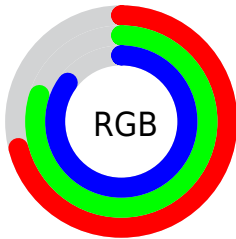
Format	Color
RYB	181, 195, 216
Decimal	11914712
CIELab	80.99, -5.77, -8.18
CIELCh	81, 10.008, 234.813
Yxy	58.4443, 0.2878, 0.3156
Android (android.graphics.Color)	4290104792 (0xFFB5CDD8)
YUV	199.0780, 8.3425, -15.8544
Hunter-Lab	76.4489, -9.3775, -3.4410

Details

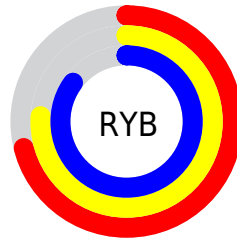
The Hex color **B5CDD8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D8C0B5**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **EDFFFF**, and **8097A1** is the 20% darker color. If you saturate the color by 10%, you get **9FC6D8**, and if you desaturate by 10%, it is **CBD4D8**.

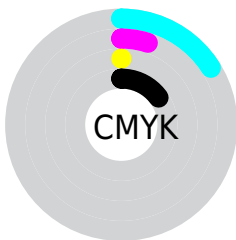
Distribution



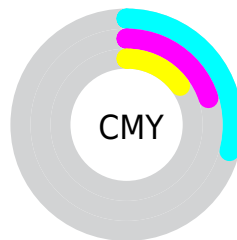
- Red (71%)
- Green (80%)
- Blue (85%)



- Red (71%)
- Yellow (76%)
- Blue (85%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (29%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5CDD8 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 B5CDD8 by changing the saturation by 10% instead.

 B5CDD8

 B5CDD8

FFFFFF

 9AB2BC

 EDFFFF

 8097A1

 667D87

 4E646E

 364C55

 20353E

 092028

 000814

 000000

 B5CDD8

 B5CDD8

 9FC6D8

 CBD4D8

 8ABFD8

 E0DBD8

 74B9D8

 F6E1D8

 5FB2D8

 FFE8D8

 49ABD8

 FFEFD8

 33A4D8

 FFF6D8

 1E9DD8

 FFFDD8

 0897D8

 FFFF8D8

 0094D8

Harmonies

Analogous

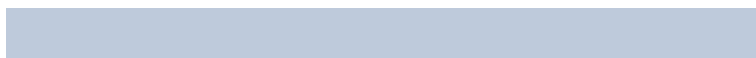
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B2CFD1



B5CDD8



BECADB

Triad

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



B5CDD8



DBC3CB



C8CBB8

Complementary

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



B5CDD8



D8C0B5

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.



D3C8B7



B5CDD8



DEC3C2

Square

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



B5CDD8



D4C4D4



DAC5BA



BECDBE

Rectangle

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



B5CDD8



C5C8DB



DAC5BA



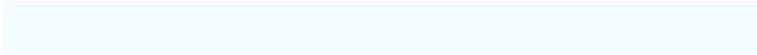
CCCAB7

Sweetspot

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



B5CDD8



F2FBFF



B5D8C0



787D80



000000



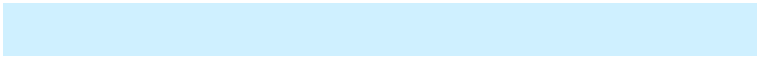
808080

Same Dimension

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



B5CDD8



CFF0FF



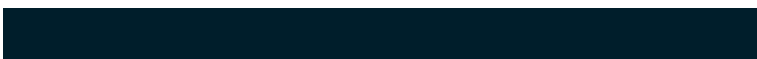
B5BCD8



60686B



0075AB



001E2B

Inverse Universe

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



D8B5CD



FFCFF0



D8D1B5



6B6068



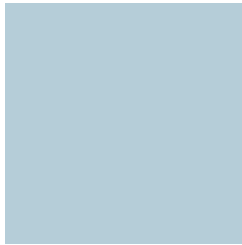
AB0075



2B001E

Previews

White Background



This preview shows how the Hex color B5CDD8 looks on a white background.

Color Contrast Check

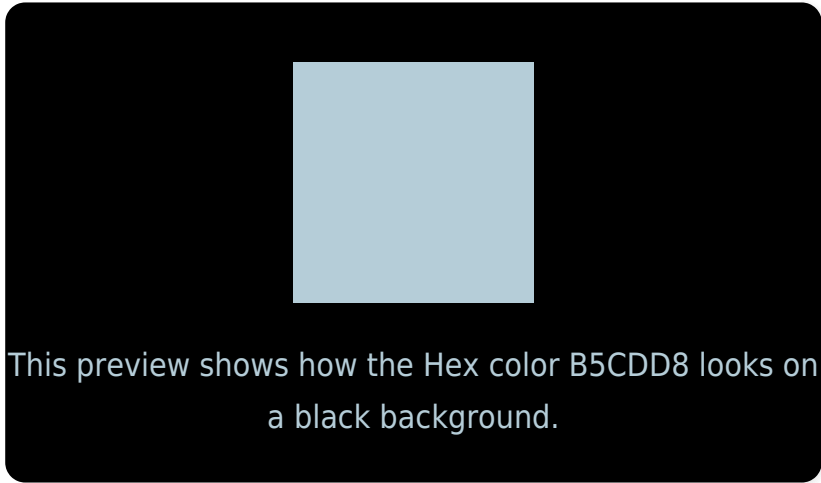
Large Text (above 18pt) WCAG AA × Fail

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

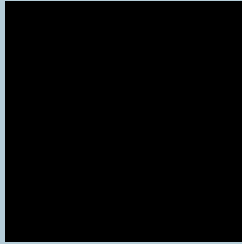
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

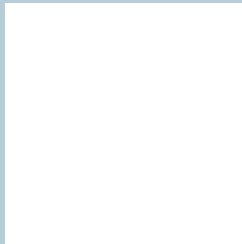
Any Text WCAG AAA ✓ Pass

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

Hex B5CDD8 Background



This preview shows how black text looks on a background with the Hex color B5CDD8.

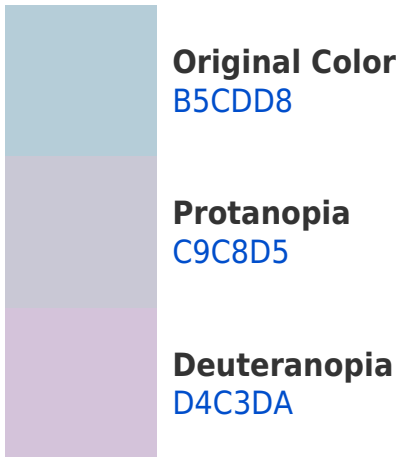


This preview shows how white text looks on a background with the Hex color B5CDD8.

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



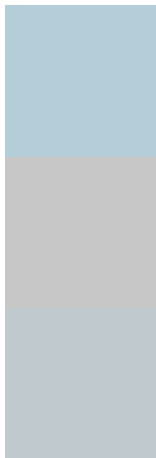
Original Color
B5CDD8

Protanomaly
C2CAD6

Deuteranomaly
C9C7D9

Tritanomaly
B6CCDB

Monochromacy



Original Color
B5CDD8

Achromatopsia
C7C7C7

Achromatomaly
C0C9CD

CSS Examples

Text

The CSS property to change the color of the text to Hex B5CDD8 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 #B5CDD8 looks like.

```
.text, #text, p{  
    color:#B5CDD8  
}
```

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 #B5CDD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5CDD8
}
```

Border

The CSS property to change the border of an element to Hex B5CDD8 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
#B5CDD8 }
```

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

```
.border{ border-color:#B5CDD8 }
```

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

Here you see how a box with a 4 pixel #B5CDD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5CDD8; -webkit-box-shadow:4px 4px  
4px 4px #B5CDD8; box-shadow:4px 4px 4px  
4px #B5CDD8 }
```

Background

The CSS property to change the background color of an element to Hex B5CDD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5CDD8 }
```

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

```
.background{ background-color:#B5CDD8 }
```

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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