

Converting Colors

Hex(B2D4CC)

Have a look what the booklet for
Hex(B2D4CC) contains.

Hex(B2D4CC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B2D4CC)

Conversions

Conversions Part 1

Format	Color
Hex	B2D4CC
RGB	178, 212, 204
RGB Percent	70%, 83%, 80%
CMY	0.3020, 0.1686, 0.2000
CMYK	0.16, 0.00, 0.04, 0.17
HSL	166°, 28%, 76%
HSV	166°, 16%, 83%
XYZ	52.8027, 60.9116, 66.1009
YIQ	200.9220, -17.6960, -9.6960

Conversions

Conversions Part 2

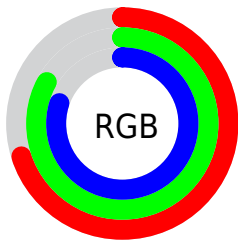
Format	Color
RYB	178, 197, 212
Decimal	11719884
CIELab	82.33, -12.81, 0.19
CIELCh	82, 12.811, 179.155
Yxy	60.9116, 0.2936, 0.3387
Android (android.graphics.Color)	4289909964 (0xFFB2D4CC)
YUV	200.9220, 1.5175, -20.1026
Hunter-Lab	78.0459, -15.8144, 4.4165

Details

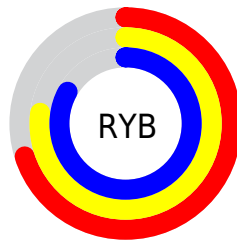
The Hex color **B2D4CC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D4B2BA**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **EAEAEAE**, and **7D9D96** is the 20% darker color. If you saturate the color by 10%, you get **9DD4C7**, and if you desaturate by 10%, it is **C7D4D1**.

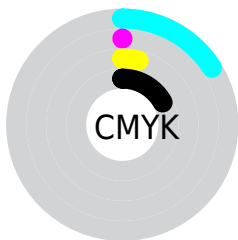
Distribution



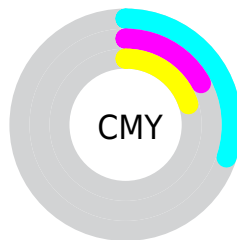
- Red (70%)
- Green (83%)
- Blue (80%)



- Red (70%)
- Yellow (77%)
- Blue (83%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)



- Cyan (30%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2D4CC 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 B2D4CC by changing the saturation by 10% instead.

 B2D4CC

 B2D4CC

FFFFFF

 97B8B1

 EAFFFF

 7D9D96

 64837C

 4B6A63

 34524B

 1D3B35

 062520

 000F08

 000000

 B2D4CC

 B2D4CC

 9DD4C7

 C7D4D1

 88D4C2

 DCD4D6

 72D4BD

 F2D4DB

 5DD4B8

 FFD4E0

 48D4B3

 FFD4E5

 33D4AE

 FFD4EA

 1ED4A9

 FFD4EF

 08D4A4

 FFD4F4

 00D4A2

 FFD4F9

Harmonies

Analogous

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



BCD3C0



B2D4CC



AFD4D8

Triad

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



B2D4CC



CFCAE2



E2C8B9

Complementary

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



B2D4CC



D4B2BA

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.



E7C5C2



B2D4CC



DCC6D9

Square

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



B2D4CC



C0CEE5



E5C5CE



D7CCB5

Rectangle

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



B2D4CC



B1D2DF



E5C5CE



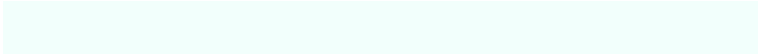
E4C7BB

Sweetspot

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



B2D4CC



F2FFFC



BBD4B2



78807E



000000



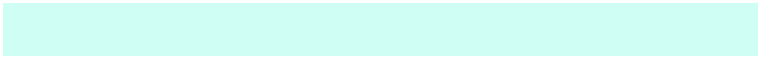
808080

Same Dimension

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



B2D4CC



CFFF4



B2CCD4



606B69



00AB83



002B21

Inverse Universe

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



D4B2BA



FFCFDA



D4BBB2



6B6063



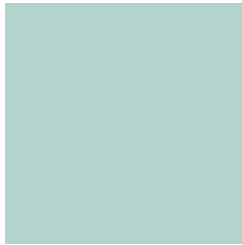
AB0028



2B000A

Previews

White Background



This preview shows how the Hex color B2D4CC looks on a white background.

Color Contrast Check

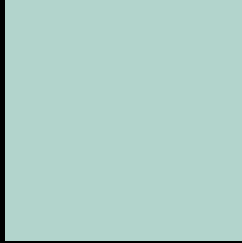
Large Text (above 18pt) WCAG AA × Fail

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 B2D4CC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

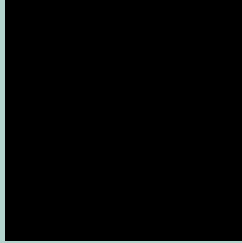
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

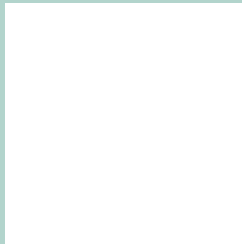
Any Text WCAG AAA ✓ Pass

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

Hex B2D4CC Background



This preview shows how black text looks on a background with the Hex color B2D4CC.



This preview shows how white text looks on a background with the Hex color B2D4CC.

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](#).

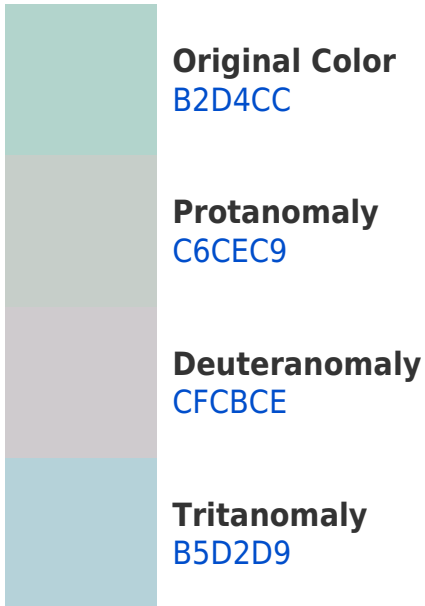
Dichromacy



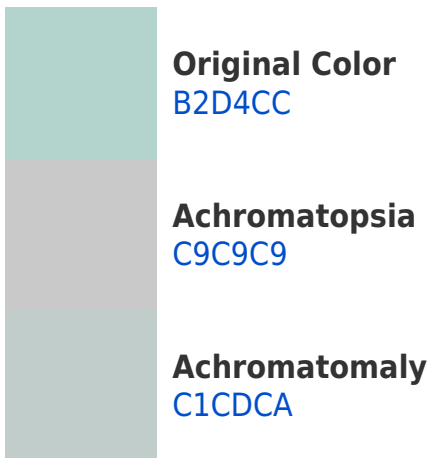


Tritanopia
B6D1E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2D4CC 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 #B2D4CC looks like.

```
.text, #text, p{  
    color:#B2D4CC  
}
```

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 #B2D4CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2D4CC }  
}
```

Border

The CSS property to change the border of an element to Hex B2D4CC 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 #B2D4CC }  
}
```

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

```
.border{ border-color:#B2D4CC }
```

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

Here you see how a box with a 4 pixel #B2D4CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2D4CC; -webkit-box-shadow:4px 4px  
4px 4px #B2D4CC; box-shadow:4px 4px 4px  
4px #B2D4CC }
```

Background

The CSS property to change the background color of an element to Hex B2D4CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2D4CC }
```

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

```
.background{ background-color:#B2D4CC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor