

Converting Colors

Hex(B4DCEB)

Have a look what the booklet for
Hex(B4DCEB) contains.

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Color

Hex(B4DCEB)

Conversions

Conversions Part 1

Format	Color
Hex	B4DCEB
RGB	180, 220, 235
RGB Percent	71%, 86%, 92%
CMY	0.2941, 0.1373, 0.0784
CMYK	0.23, 0.06, 0.00, 0.08
HSL	196°, 58%, 81%
HSV	196°, 23%, 92%
XYZ	59.4110, 66.8879, 88.3766
YIQ	209.7500, -28.6550, -3.8150

Conversions

Conversions Part 2

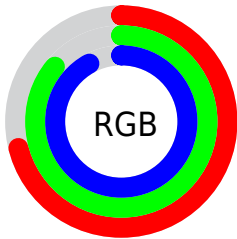
Format	Color
RYB	180, 203, 235
Decimal	11853035
CIELab	85.45, -9.76, -11.65
CIELCh	85, 15.202, 230.043
Yxy	66.8879, 0.2767, 0.3116
Android (android.graphics.Color)	4290043115 (0xFFB4DCEB)
YUV	209.7500, 12.4483, -26.0907
Hunter-Lab	81.7850, -13.4562, -6.8191

Details

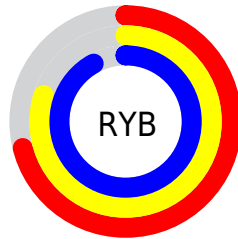
The Hex color **B4DCEB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EBC3B4**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **EDFFFF**, and **7EA5B3** is the 20% darker color. If you saturate the color by 10%, you get **9DD6EB**, and if you desaturate by 10%, it is **CCE2EB**.

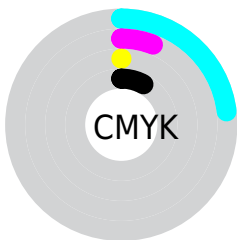
Distribution



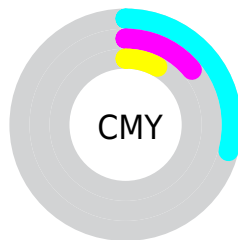
- Red (71%)
- Green (86%)
- Blue (92%)



- Red (71%)
- Yellow (80%)
- Blue (92%)



- Cyan (23%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (29%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4DCEB 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 B4DCEB by changing the saturation by 10% instead.

 B4DCEB

 B4DCEB

FFFFFF

 99C0CF

 EDFFFF

 7EA5B3

 648B98

 4B717F

 325966

 19414E

 002B37

 001721

 000009

 B4DCEB

 B4DCEB

 9DD6EB

 CCE2EB

 85CFEB

 E3E9EB

 6EC9EB

 FBEBEB

 56C2EB

 FFF6EB

 3FBCEB

 FFFCEB

 27B6EB

 FFFFEB

 10AFEB

 00ABEB

Harmonies

Analogous

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



B1DEDF



B4DCEB



C1D8F1

Triad

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



B4DCEB



F0CCDB



D7D8BA

Complementary

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



B4DCEB



EBC3B4

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.



E6D3BA



B4DCEB



F5CCCC

Square

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



B4DCEB



E4CFE8



F1CFC0



C6DCC3

Rectangle

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



B4DCEB



CCD5F2



F1CFC0



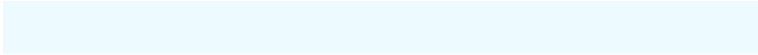
DCD6B9

Sweetspot

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



B4DCEB



EDFAFF



B4EBC3



757D80



000000



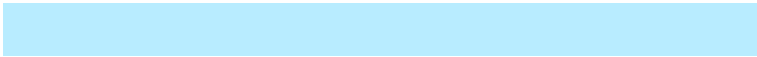
808080

Same Dimension

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



B4DCEB



B8ECFF



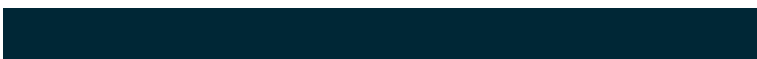
B4C1EB



6A7275



0084B5



002736

Inverse Universe

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



EBB4DC



FFB8EC



EBDEB4



756A72



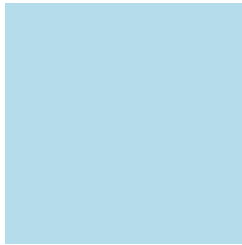
B50084



360027

Previews

White Background



This preview shows how the Hex color B4DCEB looks on a white background.

Color Contrast Check

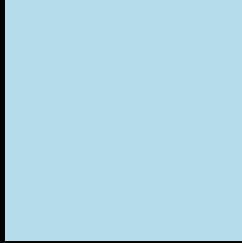
Large Text (above 18pt) WCAG AA × Fail

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 B4DCEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

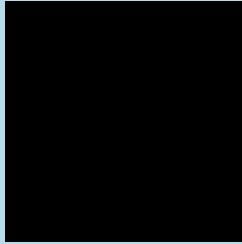
Any Text WCAG AA ✓ Pass

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 B4DCEB Background



This preview shows how black text looks on a background with the Hex color B4DCEB.

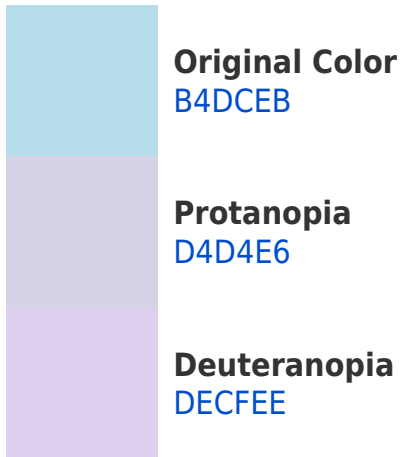


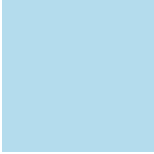
This preview shows how white text looks on a background with the Hex color B4DCEB.

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
B4DCED

Trichromacy



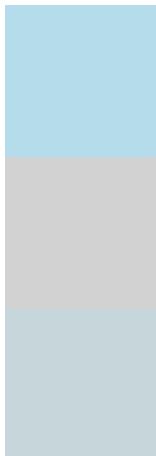
Original Color
B4DCEB

Protanomaly
C8D7E8

Deuteranomaly
CFD4ED

Tritanomaly
B4DCEC

Monochromacy



Original Color
B4DCEB

Achromatopsia
D2D2D2

Achromatomaly
C7D6DB

CSS Examples

Text

The CSS property to change the color of the text to Hex B4DCEB 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 #B4DCEB looks like.

```
.text, #text, p{  
    color:#B4DCEB  
}
```

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 #B4DCEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4DCEB
}
```

Border

The CSS property to change the border of an element to Hex B4DCEB 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
#B4DCEB }
```

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

```
.border{ border-color:#B4DCEB }
```

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

Here you see how a box with a 4 pixel #B4DCEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4DCEB; -webkit-box-shadow:4px 4px  
4px 4px #B4DCEB; box-shadow:4px 4px 4px  
4px #B4DCEB }
```

Background

The CSS property to change the background color of an element to Hex B4DCEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4DCEB }
```

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

```
.background{ background-color:#B4DCEB }
```

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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