

# Converting Colors

Hex(B4D3EB)

Have a look what the booklet for  
Hex(B4D3EB) contains.

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# **Color**

**Hex(B4D3EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4D3EB
RGB	180, 211, 235
RGB Percent	71%, 83%, 92%
CMY	0.2941, 0.1725, 0.0784
CMYK	0.23, 0.10, 0.00, 0.08
HSL	206°, 58%, 81%
HSV	206°, 23%, 92%
XYZ	57.1121, 62.2900, 87.6103
YIQ	204.4670, -26.1800, 0.8920

# Conversions

## Conversions Part 2

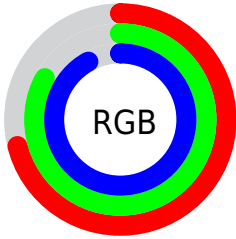
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	180, 200, 235
Decimal	11850731
CIE Lab	83.07, -5.09, -15.22
CIE LCh	83, 16.044, 251.497
Yxy	62.2900, 0.2759, 0.3009
Android (android.graphics.Color)	4290040811 (0xFFB4D3EB)
YUV	204.4670, 15.0528, -21.4576
Hunter-Lab	78.9240, -8.9484, -10.5686

# Details

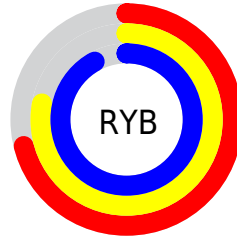
The Hex color **B4D3EB** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EBCCB4**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **EDFFFF**, and **7E9DB3** is the 20% darker color. If you saturate the color by 10%, you get **9DC9EB**, and if you desaturate by 10%, it is **CCDDEB**.

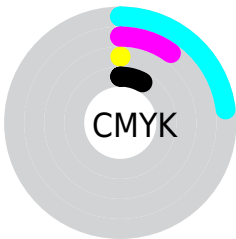
# Distribution



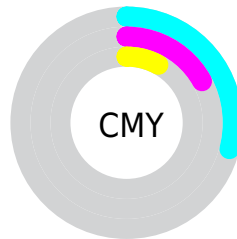
- Red (71%)
- Green (83%)
- Blue (92%)



- Red (71%)
- Yellow (78%)
- Blue (92%)



- Cyan (23%)
- Magenta (10%)
- Yellow (0%)
- Black (8%)



- Cyan (29%)
- Magenta (17%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4D3EB 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 B4D3EB by changing the saturation by 10% instead.



 B4D3EB

 B4D3EB

FFFFFF

 99B7CF

 EDFFFF

 7E9DB3

 648298

 4B697E

 335165

 1A3A4D

 002537

 001021

 000008

 B4D3EB

 B4D3EB

 9DC9EB

 CCDDEB

 85BEEB

 E3E8EB

 6EB4EB

 FBF2EB

 56AAEB

 FFFCEB

 3FA0EB

 FFFFEB

 2795EB

 108BEB

 0084EB

# Harmonies

## Analogous

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



A9D6E2



B4D3EB



C6CEEC

# Triad

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



B4D3EB



EFC5C9



C4D4B8

# Complementary

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



B4D3EB



EBCCB4

# 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.



D5D0B1



B4D3EB



EDC7BC

# Square

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



B4D3EB



E8C6D9



E4CBB3



B4D7C5

# Rectangle

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



B4D3EB



D3CBE9



E4CBB3



C9D3B5



# Sweetspot

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



B4D3EB



EDF7FF



B4EBCC



757B80



000000



808080

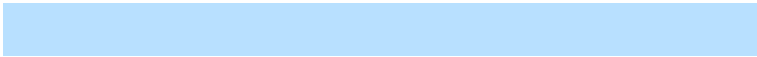


# Same Dimension

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



B4D3EB



B8E0FF



B4B8EB



6A7075



0066B5



001E36



# Inverse Universe

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



EBB4D3



FFB8E0



EBE7B4



756A70



B50066

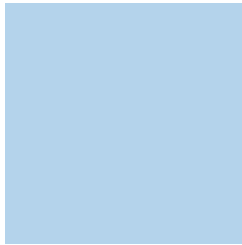


36001E



# Previews

## White Background



This preview shows how the Hex color B4D3EB looks on a white background.

## Color Contrast Check

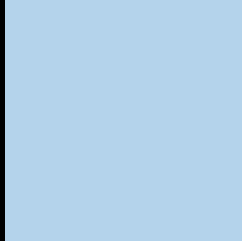
Large Text (above 18pt) WCAG AA × Fail

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 B4D3EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

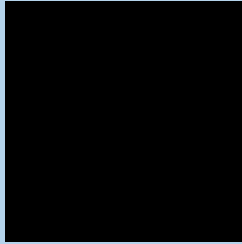
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

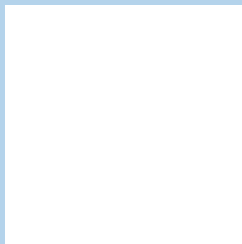
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4D3EB Background



This preview shows how black text looks on a background with the Hex color B4D3EB.

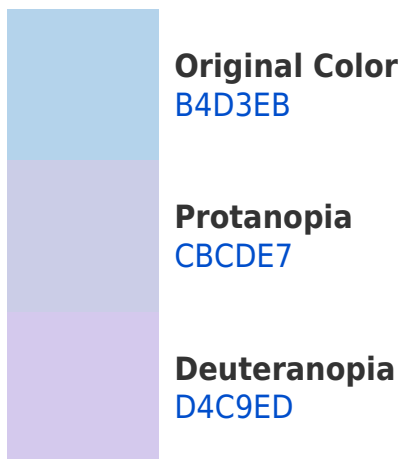


This preview shows how white text looks on a background with the Hex color B4D3EB.

# 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](#).

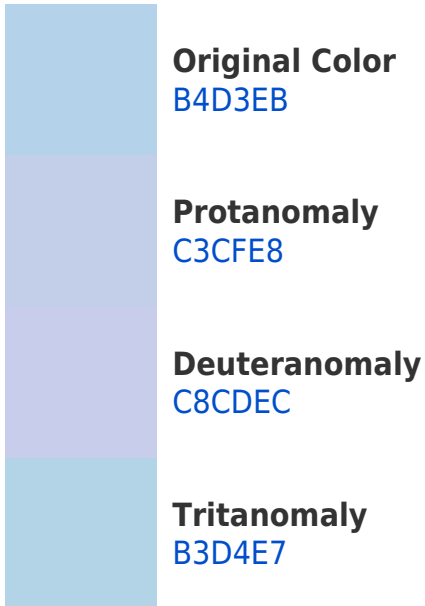
## Dichromacy



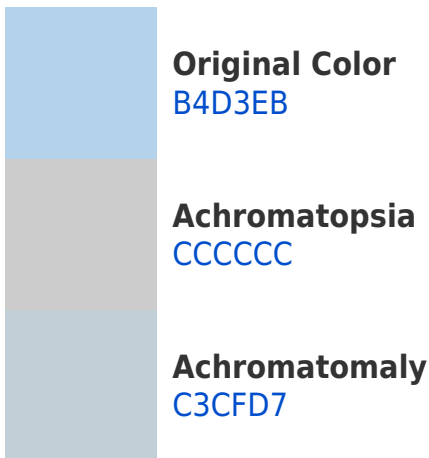


**Tritanopia**  
B3D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4D3EB 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 #B4D3EB looks like.

```
.text, #text, p{  
    color:#B4D3EB  
}
```

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 #B4D3EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4D3EB
}
```

## Border

The CSS property to change the border of an element to Hex B4D3EB 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
#B4D3EB }
```

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

```
.border{ border-color:#B4D3EB }
```

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

Here you see how a box with a 4 pixel #B4D3EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4D3EB; -webkit-box-shadow:4px 4px  
4px 4px #B4D3EB; box-shadow:4px 4px 4px  
4px #B4D3EB }
```

# Background

The CSS property to change the background color of an element to Hex B4D3EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4D3EB }
```

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

```
.background{ background-color:#B4D3EB }
```

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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