

# Converting Colors

Hex(B4DADD)

Have a look what the booklet for  
Hex(B4DADD) contains.

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# **Color**

**Hex(B4DADD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4DADD
RGB	180, 218, 221
RGB Percent	71%, 85%, 87%
CMY	0.2941, 0.1451, 0.1333
CMYK	0.19, 0.01, 0.00, 0.13
HSL	184°, 38%, 79%
HSV	184°, 19%, 87%
XYZ	56.9449, 65.0666, 77.9644
YIQ	206.9800, -23.6110, -7.1230

# Conversions

## Conversions Part 2

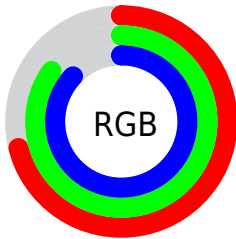
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 200, 221
Decimal	11852509
CIELab	84.52, -11.76, -5.62
CIELCh	85, 13.031, 205.549
Yxy	65.0666, 0.2848, 0.3254
Android (android.graphics.Color)	4290042589 (0xFFB4DADD)
YUV	206.9800, 6.9119, -23.6615
Hunter-Lab	80.6638, -15.1490, -0.8411

# Details

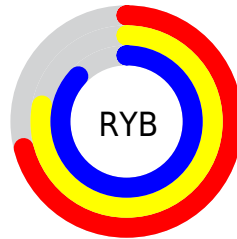
The Hex color **B4DADD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DDB7B4**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **ECFFFF**, and **7EA3A6** is the 20% darker color. If you saturate the color by 10%, you get **9ED8DD**, and if you desaturate by 10%, it is **CADCDD**.

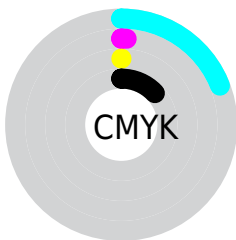
# Distribution



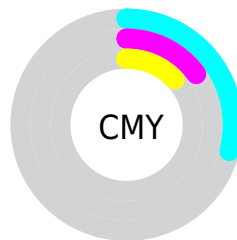
- Red (71%)
- Green (85%)
- Blue (87%)



- Red (71%)
- Yellow (78%)
- Blue (87%)



- Cyan (19%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (29%)
- Magenta (15%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4DADD 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 B4DADD by changing the saturation by 10% instead.



 B4DADD

FFFFFF

 ECFFFF

 B4DADD

 99BEC1

 7EA3A6

 65898C

 4C6F72

 34575A

 1C4042

 03292C

 001618

 000000

 B4DADD

 B4DADD

 9ED8DD

 CADCDD

 88D7DD

 E0DDDD

 72D5DD

 F6DFDD

 5CD4DD

 FFE0DD

 46D2DD

 FFE2DD

 2FD0DD

 FFE4DD

 19CFDD

 FFE5DD

 03CDDD

 FFE7DD

 00CDDD

 FFE9DD

# Harmonies

## Analogous

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



B8DAD1



B4DADD



B8D8E7

# Triad

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



B4DADD



E1CDE1



DFD1BB

# Complementary

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



B4DADD



DDB7B4

# 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.



E9CEBF



B4DADD



EBCBD5

# Square

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



B4DADD



D3D0E9



EECBC9



D1D5BD

# Rectangle

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



B4DADD



BFD6EA



EECBC9



E3D0BB

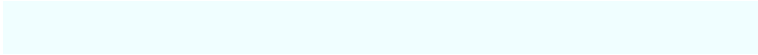


# Sweetspot

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



B4DADD



F0FEFF



B4DDB7



777F80



000000



808080



# Same Dimension

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



B4DADD



C7FBFF



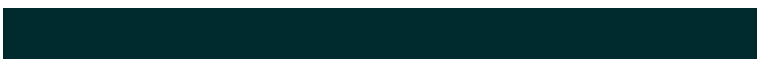
B4C6DD



636D6E



00A1AD



002B2E



# Inverse Universe

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



DDB4DA



FFC7FB



DDCBB4



6E636D



AD00A1

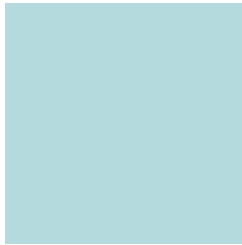


2E002B



# Previews

## White Background



This preview shows how the Hex color B4DADD looks on a white background.

## Color Contrast Check

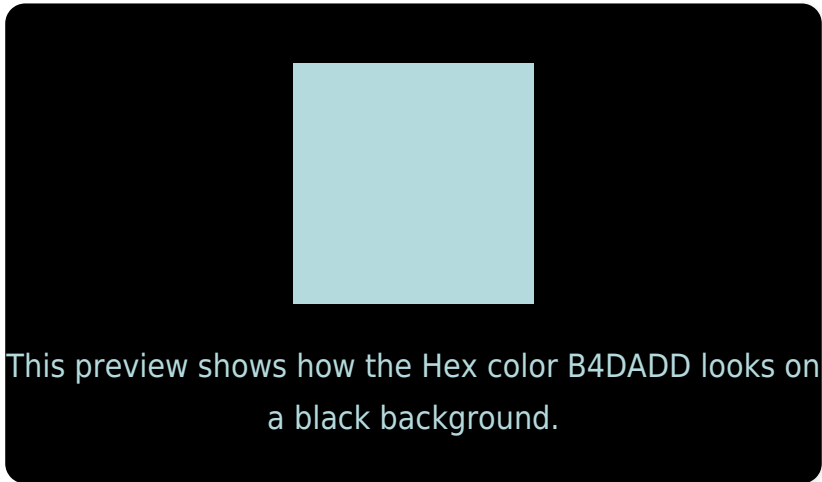
Large Text (above 18pt) WCAG AA × Fail

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

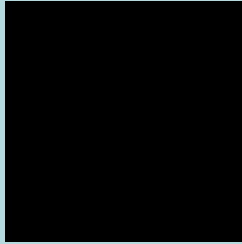
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

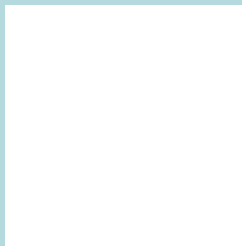
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4DADD Background



This preview shows how black text looks on a background with the Hex color B4DADD.

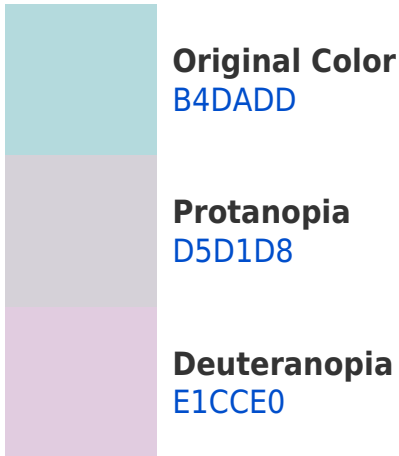


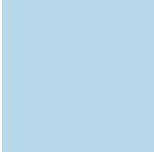
This preview shows how white text looks on a background with the Hex color B4DADD.

# 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](#).

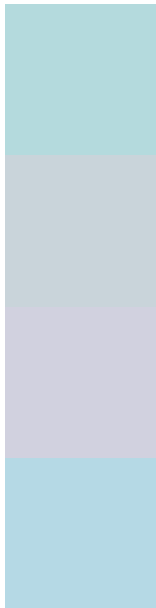
## Dichromacy





**Tritanopia**  
B6D8E9

# Trichromacy



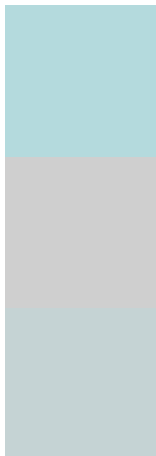
**Original Color**  
B4DADD

**Protanomaly**  
C9D4DA

**Deuteranomaly**  
D1D1DF

**Tritanomaly**  
B5D9E5

# Monochromacy



**Original Color**  
B4DADD

**Achromatopsia**  
CFCFCF

**Achromatomaly**  
C5D3D4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4DADD 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 #B4DADD looks like.

```
.text, #text, p{  
    color:#B4DADD  
}
```

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 #B4DADD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4DADD }  
}
```

## Border

The CSS property to change the border of an element to Hex B4DADD 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 #B4DADD }  
}
```

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

```
.border{ border-color:#B4DADD }
```

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

Here you see how a box with a 4 pixel #B4DADD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4DADD; -webkit-box-shadow:4px 4px  
4px 4px #B4DADD; box-shadow:4px 4px 4px  
4px #B4DADD }
```

# Background

The CSS property to change the background color of an element to Hex B4DADD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4DADD }
```

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

```
.background{ background-color:#B4DADD }
```

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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