

# Converting Colors

Hex(B9DCED)

Have a look what the booklet for  
Hex(B9DCED) contains.

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# **Color**

**Hex(B9DCED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9DCED
RGB	185, 220, 237
RGB Percent	73%, 86%, 93%
CMY	0.2745, 0.1373, 0.0706
CMYK	0.22, 0.07, 0.00, 0.07
HSL	200°, 59%, 83%
HSV	200°, 22%, 93%
XYZ	60.8868, 67.6151, 89.9627
YIQ	211.4730, -26.3170, -2.1330

# Conversions

## Conversions Part 2

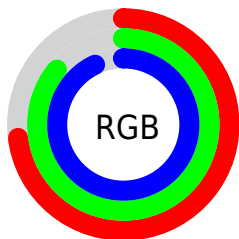
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	185, 206, 237
Decimal	12180717
CIE Lab	85.81, -7.83, -12.13
CIE LCh	86, 14.438, 237.155
Yxy	67.6151, 0.2787, 0.3095
Android (android.graphics.Color)	4290370797 (0xFFB9DCED)
YUV	211.4730, 12.5848, -23.2168
Hunter-Lab	82.2284, -11.7276, -7.3069

# Details

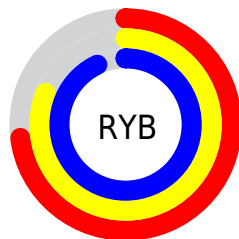
The Hex color **B9DCED** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EDCAB9**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **F2FFFF**, and **83A5B5** is the 20% darker color. If you saturate the color by 10%, you get **A1D4ED**, and if you desaturate by 10%, it is **D1E4ED**.

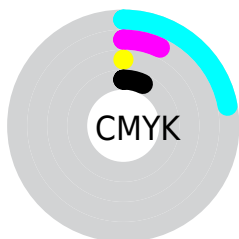
# Distribution



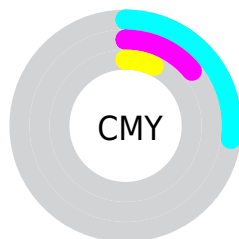
- Red (73%)
- Green (86%)
- Blue (93%)



- Red (73%)
- Yellow (81%)
- Blue (93%)



- Cyan (22%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)



- Cyan (27%)
- Magenta (14%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9DCED 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 B9DCED by changing the saturation by 10% instead.



 B9DCED

FFFFFF

 F2FFFF

 B9DCED

 9EC0D1

 83A5B5

 698B9A

 507180

 375967

 1F414F

 042B38

 001723

 00000C

 B9DCED

 B9DCED

 A1D4ED

 D1E4ED

 8ACDED

 E8EBED

 72C5ED

 FFF3ED

 5ABDED

 FFFBED

 42B5ED

 FFFFED

 2BAEED

 13A6ED

 00A0ED

# Harmonies

## Analogous

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



B4DEE2



B9DCED



C6D8F2

# Triad

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



B9DCED



F1CDD8



D4DABE

# Complementary

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



B9DCED



EDCAB9

# 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.



E3D5BB



B9DCED



F4CECB

# Square

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



B9DCED



E7D0E6



EFD1C0



C4DDC7

# Rectangle

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



B9DCED



D2D5F0



EFD1C0



D9D8BC

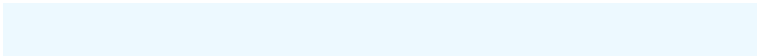


# Sweetspot

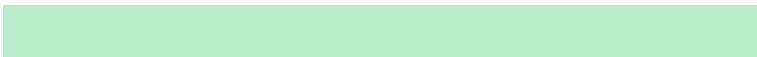
The Sweet Spot groups the original color and five complimentary colors.



B9DCED



EDF9FF



B9EDC9



757C80



000000



808080

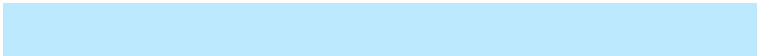


# Same Dimension

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



B9DCED



BDE9FF



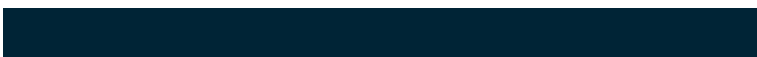
B9C3ED



6A7175



007AB5



002436



# Inverse Universe

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



EDB9DC



FFBDE9



EDE3B9



756A71



B5007A

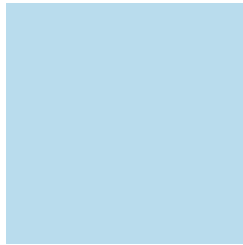


360024



# Previews

## White Background



This preview shows how the Hex color B9DCED looks on a white background.

## Color Contrast Check

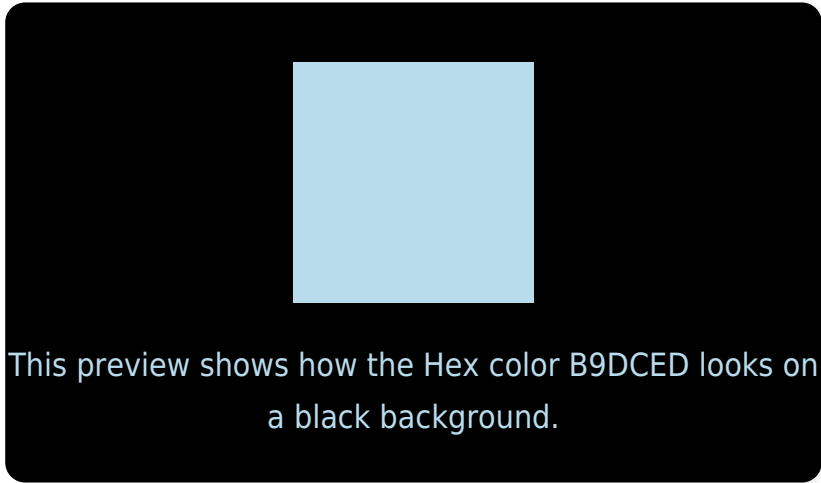
Large Text (above 18pt) WCAG AA × Fail

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

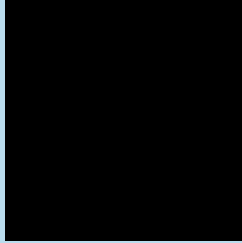
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

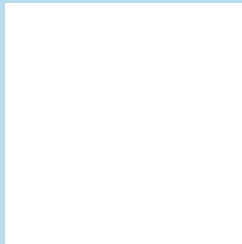
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B9DCED Background



This preview shows how black text looks on a background with the Hex color B9DCED.

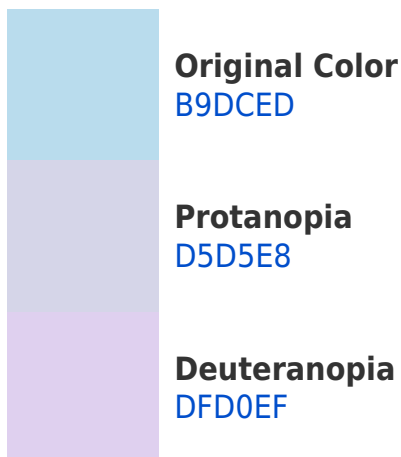


This preview shows how white text looks on a background with the Hex color B9DCED.

# 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](#).

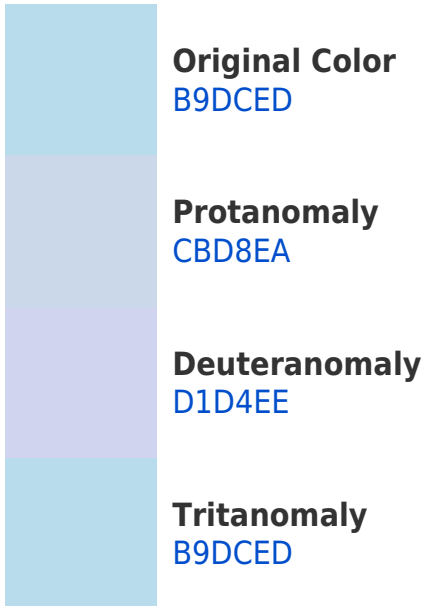
## Dichromacy



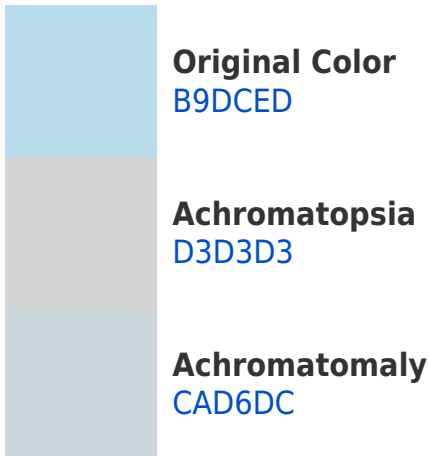


**Tritanopia**  
B9DCED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9DCED 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 #B9DCED looks like.

```
.text, #text, p{  
    color:#B9DCED  
}
```

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 #B9DCED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9DCED
}
```

## Border

The CSS property to change the border of an element to Hex B9DCED 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
#B9DCED }
```

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

```
.border{ border-color:#B9DCED }
```

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

Here you see how a box with a 4 pixel #B9DCED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9DCED; -webkit-box-shadow:4px 4px  
4px 4px #B9DCED; box-shadow:4px 4px 4px  
4px #B9DCED }
```

# Background

The CSS property to change the background color of an element to Hex B9DCED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9DCED }
```

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

```
.background{ background-color:#B9DCED }
```

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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