

# Converting Colors

Hex(B9DEC4)

Have a look what the booklet for  
Hex(B9DEC4) contains.

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# **Color**

**Hex(B9DEC4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9DEC4
RGB	185, 222, 196
RGB Percent	73%, 87%, 77%
CMY	0.2745, 0.1294, 0.2314
CMYK	0.17, 0.00, 0.12, 0.13
HSL	138°, 36%, 80%
HSV	138°, 17%, 87%
XYZ	56.0927, 66.5424, 62.1121
YIQ	207.9730, -13.7060, -15.9300

# Conversions

## Conversions Part 2

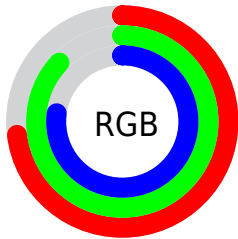
Format	Color
<a href="#">RYB</a>	<a href="#">185, 214, 222</a>
Decimal	<a href="#">12181188</a>
CIELab	<a href="#">85.27, -17.12, 8.74</a>
CIELCh	<a href="#">85, 19.222, 152.964</a>
Yxy	<a href="#">66.5424, 0.3036, 0.3602</a>
Android (android.graphics.Color)	<a href="#">4290371268 (0xFFB9DEC4)</a>
YUV	<a href="#">207.9730, -5.9027, -20.1473</a>
Hunter-Lab	<a href="#">81.5735, -20.0111, 11.9566</a>

# Details

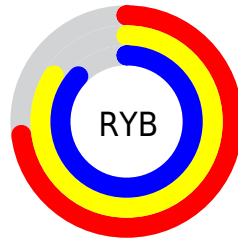
The Hex color **B9DEC4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DEB9D3**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **F1FFFD**, and **84A78E** is the 20% darker color. If you saturate the color by 10%, you get **A3DEB4**, and if you desaturate by 10%, it is **CFDED4**.

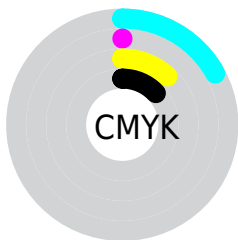
# Distribution



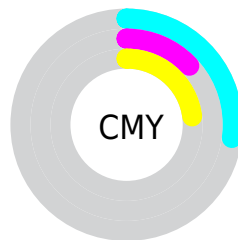
- Red (73%)
- Green (87%)
- Blue (77%)



- Red (73%)
- Yellow (84%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)



- Cyan (27%)
- Magenta (13%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9DEC4 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 B9DEC4 by changing the saturation by 10% instead.



 B9DEC4

FFFFFF


 F1FFFD

 B9DEC4

 9EC2A9

 84A78E

 6A8C75

 51735C

 3A5A45

 23422E

 0C2C19

 001900

 000000

 B9DEC4

 B9DEC4

 A3DEB4

 CFDED4

 8DDEA5

 E5DEE3

 76DE95

 FCDEF3

 60DE86

 FFDEFF

 4ADE76

 34DE66

 1EDE57

 07DE47

 00DE42

# Harmonies

## Analogous

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



CDDAB6



B9DEC4



AAE0D6

# Triad

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



B9DEC4



C3D6F9



FBCAC2

# Complementary

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



B9DEC4



DEB9D3

# 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.



FAC8D4



B9DEC4



DBD0F3

# Square

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



B9DEC4



AFDBF5



EFCBE6



F2CEB5

# Rectangle

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



B9DEC4



A5DFE2



EFCBE6



FCC9C8



# Sweetspot

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



B9DEC4



F2FFF6



D4DEB9



78807A



000000



808080

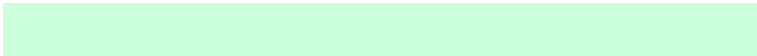


# Same Dimension

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



B9DEC4



CCFFDB



B9DED6



657068



00B034



00300E



# Inverse Universe

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



DEB9D3



FFCCF0



DEB9C1



70656D



B0007C

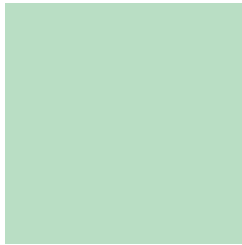


300022



# Previews

## White Background



This preview shows how the Hex color B9DEC4 looks on a white background.

## Color Contrast Check

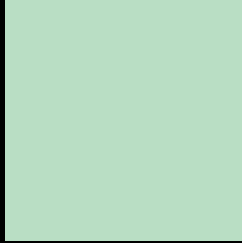
Large Text (above 18pt) WCAG AA × Fail

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 B9DEC4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

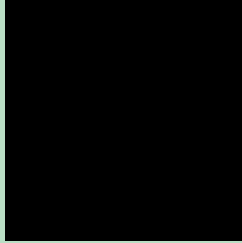
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

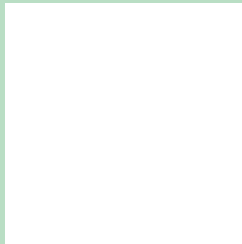
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B9DEC4 Background



This preview shows how black text looks on a background with the Hex color B9DEC4.

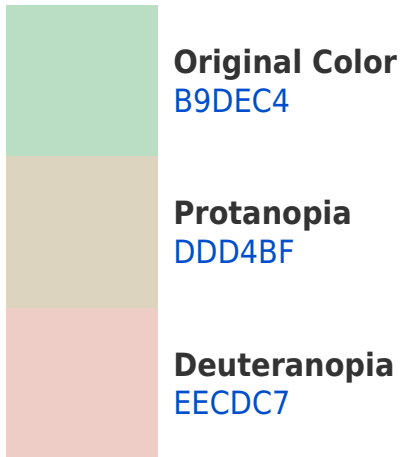


This preview shows how white text looks on a background with the Hex color B9DEC4.

# 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



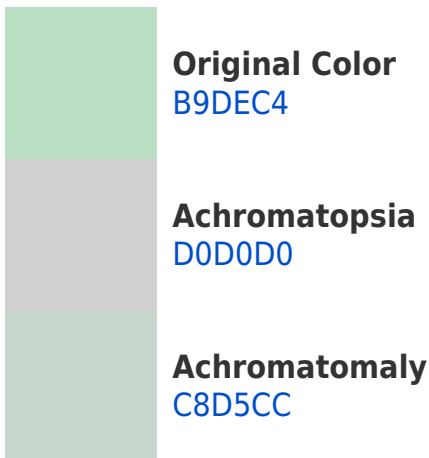


**Tritanopia**  
C0D9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9DEC4 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 #B9DEC4 looks like.

```
.text, #text, p{  
    color:#B9DEC4  
}
```

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 #B9DEC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9DEC4  
}
```

## Border

The CSS property to change the border of an element to Hex B9DEC4 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  
#B9DEC4 }
```

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

```
.border{ border-color:#B9DEC4 }
```

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

Here you see how a box with a 4 pixel #B9DEC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9DEC4; -webkit-box-shadow:4px 4px  
4px 4px #B9DEC4; box-shadow:4px 4px 4px  
4px #B9DEC4 }
```

# Background

The CSS property to change the background color of an element to Hex B9DEC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9DEC4 }
```

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

```
.background{ background-color:#B9DEC4 }
```

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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