

# Converting Colors

Hex(B9DFB2)

Have a look what the booklet for  
Hex(B9DFB2) contains.

<b>Hex(B9DFB2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(B9DFB2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9DFB2
RGB	185, 223, 178
RGB Percent	73%, 87%, 70%
CMY	0.2745, 0.1255, 0.3020
CMYK	0.17, 0.00, 0.20, 0.13
HSL	111°, 41%, 79%
HSV	111°, 20%, 87%
XYZ	54.4311, 66.3040, 52.0486
YIQ	206.5080, -8.2030, -22.0510

# Conversions

## Conversions Part 2

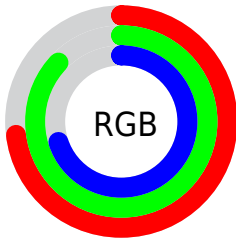
Format	Color
<a href="#">RYB</a>	<a href="#">178, 223, 216</a>
Decimal	<a href="#">12181426</a>
CIELab	<a href="#">85.15, -20.78, 18.02</a>
CIELCh	<a href="#">85, 27.506, 139.072</a>
Yxy	<a href="#">66.3040, 0.3150, 0.3837</a>
Android (android.graphics.Color)	<a href="#">4290371506 (0xFFB9DFB2)</a>
YUV	<a href="#">206.5080, -14.0544, -18.8625</a>
Hunter-Lab	<a href="#">81.4273, -23.1770, 19.1007</a>

# Details

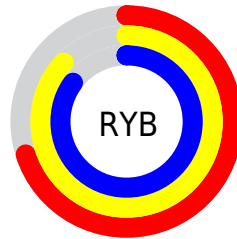
The Hex color **B9DFB2** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D8B2DF**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **F1FFEA**, and **83A87D** is the 20% darker color. If you saturate the color by 10%, you get **A6DF9C**, and if you desaturate by 10%, it is **CCDFC8**.

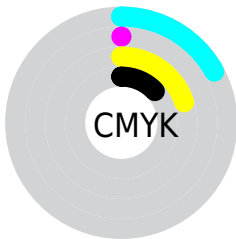
# Distribution



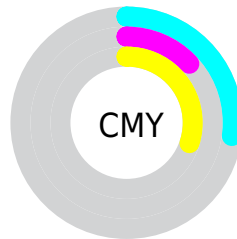
- Red (73%)
- Green (87%)
- Blue (70%)



- Red (70%)
- Yellow (87%)
- Blue (85%)



- Cyan (17%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)



- Cyan (27%)
- Magenta (13%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9DFB2 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 B9DFB2 by changing the saturation by 10% instead.



 B9DFB2

 B9DFB2


FFFFFF

 9EC397

 F1FFEA

 83A87D

 6A8D64

 51744C

 395B35

 22431F

 0B2D09

 001A00

 000000

 B9DFB2

 B9DFB2

 A6DF9C

 CCDFC8

 93DF85

 DFDFDF

 81DF6F

 F1DFF5

 6EDF59

 FFDFFF

 5BDF42

 48DF2C

 35DF16

 23DF00

# Harmonies

## Analogous

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



D7D8A3



B9DFB2



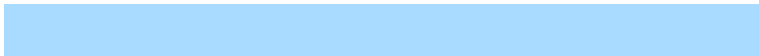
9DE3CA

# Triad

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



B9DFB2



A9DAFF



FFC3C5

# Complementary

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



B9DFB2



D8B2DF

# 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.



FFC3DF



B9DFB2



CCD1FF

# Square

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



B9DFB2



8FE0FB



EDC9F7



FFC8AE

# Rectangle

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



B9DFB2



90E4DC



EDC9F7



FFC2CE

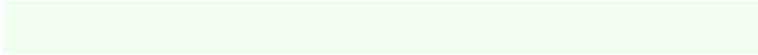


# Sweetspot

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



B9DFB2



F2FFF0



DFD8B2



788077



000000



808080

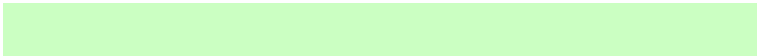


# Same Dimension

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



B9DFB2



CBFFC2



B2DFC1



677065



1BB000



083000



# Inverse Universe

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



D8B2DF



F5C2FF



DFB2D0



6E6570



9500B0

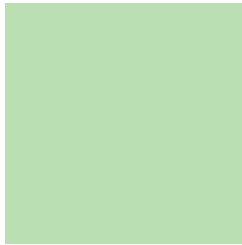


290030



# Previews

## White Background



This preview shows how the Hex color B9DFB2 looks on a white background.

## Color Contrast Check

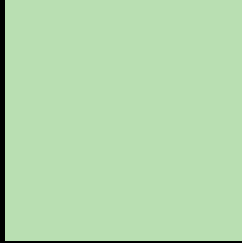
Large Text (above 18pt) WCAG AA × Fail

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 B9DFB2 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 B9DFB2 Background



This preview shows how black text looks on a background with the Hex color B9DFB2.

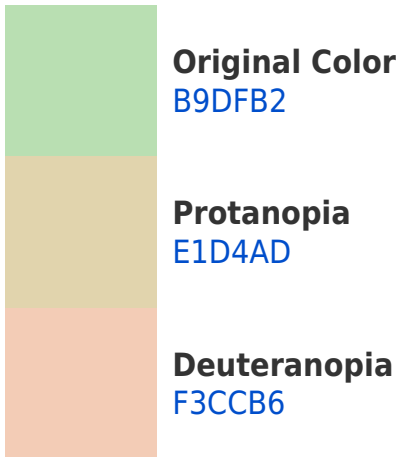


This preview shows how white text looks on a background with the Hex color B9DFB2.

# 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**  
C2D8E9

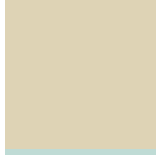
# Trichromacy



**Original Color**  
B9DFB2



**Protanomaly**  
D2D8AF



**Deuteranomaly**  
DED3B5

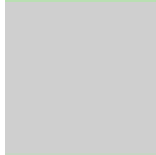


**Tritanomaly**  
BFDBD5

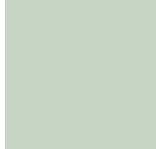
# Monochromacy



**Original Color**  
B9DFB2



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
C7D5C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9DFB2 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 #B9DFB2 looks like.

```
.text, #text, p{  
    color:#B9DFB2  
}
```

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 #B9DFB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9DFB2  
}
```

## Border

The CSS property to change the border of an element to Hex B9DFB2 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  
#B9DFB2 }
```

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

```
.border{ border-color:#B9DFB2 }
```

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

Here you see how a box with a 4 pixel #B9DFB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9DFB2; -webkit-box-shadow:4px 4px  
4px 4px #B9DFB2; box-shadow:4px 4px 4px  
4px #B9DFB2 }
```

# Background

The CSS property to change the background color of an element to Hex B9DFB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9DFB2 }
```

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

```
.background{ background-color:#B9DFB2 }
```

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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