

Converting Colors

Hex(B9DFB0)

Have a look what the booklet for
Hex(B9DFB0) contains.

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Color

Hex(B9DFB0)

Conversions

Conversions Part 1

Format	Color
Hex	B9DFB0
RGB	185, 223, 176
RGB Percent	73%, 87%, 69%
CMY	0.2745, 0.1255, 0.3098
CMYK	0.17, 0.00, 0.21, 0.13
HSL	109°, 42%, 78%
HSV	109°, 21%, 87%
XYZ	54.2317, 66.2242, 50.9985
YIQ	206.2800, -7.5610, -22.6730

Conversions

Conversions Part 2

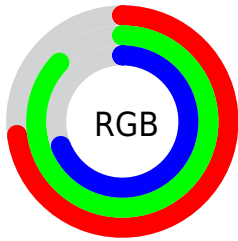
Format	Color
RYB	176, 223, 214
Decimal	12181424
CIELab	85.11, -21.11, 19.01
CIElCh	85, 28.410, 138.005
Yxy	66.2242, 0.3163, 0.3862
Android (android.graphics.Color)	4290371504 (0xFFB9DFB0)
YUV	206.2800, -14.9280, -18.6626
Hunter-Lab	81.3783, -23.4568, 19.8086

Details

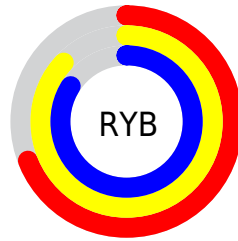
The Hex color **B9DFB0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D6B0DF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **F1FFE8**, and **83A87B** is the 20% darker color. If you saturate the color by 10%, you get **A7DF9A**, and if you desaturate by 10%, it is **CBDFC6**.

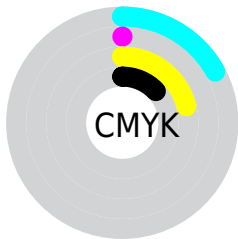
Distribution



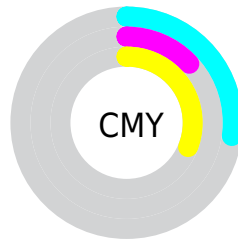
- Red (73%)
- Green (87%)
- Blue (69%)



- Red (69%)
- Yellow (87%)
- Blue (84%)



- Cyan (17%)
- Magenta (0%)
- Yellow (21%)
- Black (13%)



- Cyan (27%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9DFB0 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 B9DFB0 by changing the saturation by 10% instead.

 B9DFB0

 B9DFB0


FFFFFF

 9EC395

 F1FFE8

 83A87B

 6A8D62

 51744A

 395B33

 22431D

 0B2D06

 001A00

 000000

 B9DFB0

 B9DFB0

 A7DF9A


 CBDFC6

 95DF83

 DDDFDD

 83DF6D

 EFDFF3

 71DF57

 FFDFFF

 5FDF41

 4DDF2A

 3BDF14

 2BDF00

Harmonies

Analogous

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



D8D8A1



B9DFB0



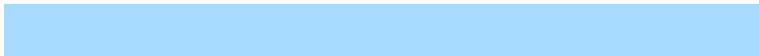
9CE3C9

Triad

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



B9DFB0



A6DAFF



FFC2C5

Complementary

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



B9DFB0



D6B0DF

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.



FFC2E1



B9DFB0



CAD1FF

Square

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



B9DFB0



8BE1FC



ECC8F9



FFC7AE

Rectangle

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



B9DFB0



8DE4DB



ECC8F9



FFC1CE

Sweetspot

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



B9DFB0



F3FFF0



DFD6B0



788077



000000



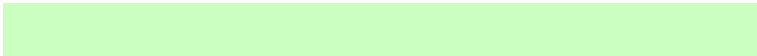
808080

Same Dimension

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



B9DFB0



CBFFBF



B0DFBE



677065



22B000



093000

Inverse Universe

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



D6B0DF



F3BFFF



DFB0D1



6E6570



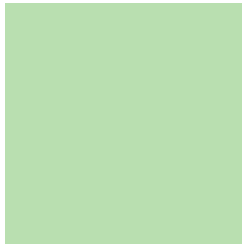
8E00B0



270030

Previews

White Background



This preview shows how the Hex color B9DFB0 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 B9DFB0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

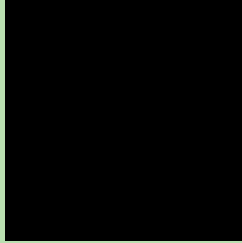
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

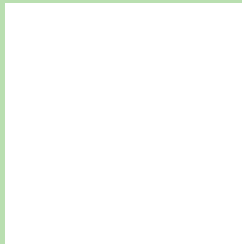
Any Text WCAG AAA ✓ Pass

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

Hex B9DFB0 Background



This preview shows how black text looks on a background with the Hex color B9DFB0.

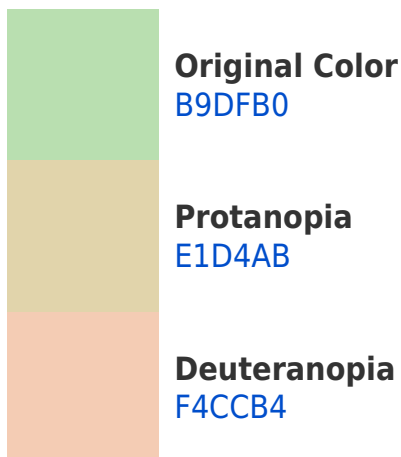


This preview shows how white text looks on a background with the Hex color B9DFB0.

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](#).

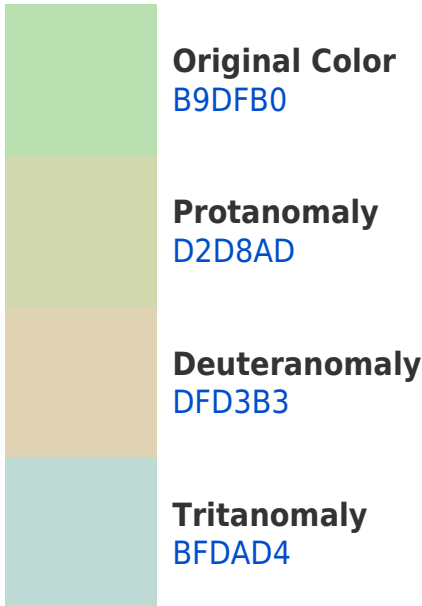
Dichromacy



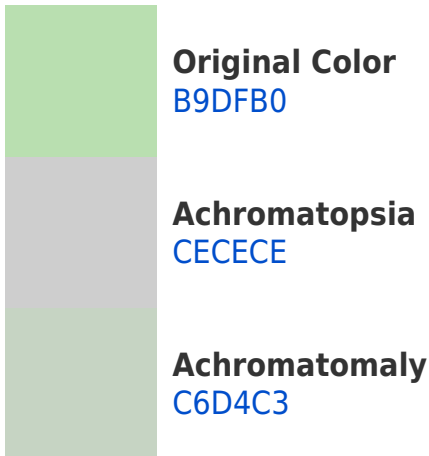


Tritanopia
C2D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9DFB0 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 #B9DFB0 looks like.

```
.text, #text, p{  
    color:#B9DFB0  
}
```

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 #B9DFB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9DFB0  
}
```

Border

The CSS property to change the border of an element to Hex B9DFB0 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  
#B9DFB0 }
```

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

```
.border{ border-color:#B9DFB0 }
```

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

Here you see how a box with a 4 pixel #B9DFB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9DFB0; -webkit-box-shadow:4px 4px  
4px 4px #B9DFB0; box-shadow:4px 4px 4px  
4px #B9DFB0 }
```

Background

The CSS property to change the background color of an element to Hex B9DFB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9DFB0 }
```

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

```
.background{ background-color:#B9DFB0 }
```

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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