

# Converting Colors

Hex(B8DB89)

Have a look what the booklet for  
Hex(B8DB89) contains.

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# **Color**

**Hex(B8DB89)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B8DB89
RGB	184, 219, 137
RGB Percent	72%, 86%, 54%
CMY	0.2784, 0.1412, 0.4627
CMYK	0.16, 0.00, 0.37, 0.14
HSL	86°, 53%, 70%
HSV	86°, 37%, 86%
XYZ	49.6140, 62.6595, 33.1465
YIQ	199.1870, 5.4620, -32.9220

# Conversions

## Conversions Part 2

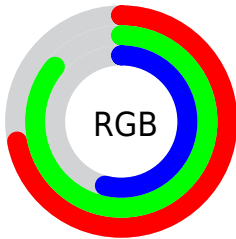
Format	Color
<a href="#">RYB</a>	<a href="#">137, 219, 172</a>
Decimal	<a href="#">12114825</a>
CIELab	<a href="#">83.26, -25.27, 36.60</a>
CIELCh	<a href="#">83, 44.478, 124.623</a>
Yxy	<a href="#">62.6595, 0.3412, 0.4309</a>
Android (android.graphics.Color)	<a href="#">4290304905 (0xFFB8DB89)</a>
YUV	<a href="#">199.1870, -30.6582, -13.3190</a>
Hunter-Lab	<a href="#">79.1578, -26.6469, 30.5834</a>

# Details

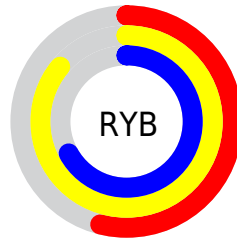
The Hex color **B8DB89** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AC89DB**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **F1FFBF**, and **82A456** is the 20% darker color. If you saturate the color by 10%, you get **AFDB73**, and if you desaturate by 10%, it is **C1DB9F**.

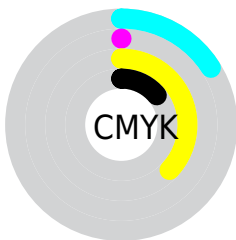
# Distribution



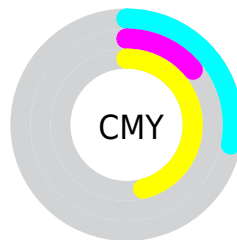
- Red (72%)
- Green (86%)
- Blue (54%)



- Red (54%)
- Yellow (86%)
- Blue (67%)



- Cyan (16%)
- Magenta (0%)
- Yellow (37%)
- Black (14%)



- Cyan (28%)
- Magenta (14%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8DB89 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 B8DB89 by changing the saturation by 10% instead.



 B8DB89

 B8DB89

FFFFFF

 9CBF6F

 F1FFBF

 82A456

 FFFFDB

 688A3D

 FFFFF8

 4E7025

 35570B

 1E4000

 022900

 001400

 000000

 B8DB89

 B8DB89

 AFDB73

 C1DB9F

 A5DB5D

 CBDBB5

 9CDB47

 D4DBCBC

 93DB31

 DDDBE1

 89DB1B

 E7DBF7

 80DB06

 F0DBFF

 7EDB00

 F9DBFF

 FFDBFF

# Harmonies

## Analogous

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



E5CF7B



B8DB89



85E3AA

# Triad

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



B8DB89



50DDFF



FFAFCA

# Complementary

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



B8DB89



AC89DB

# Split Complementary

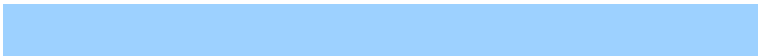
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB4F4



B8DB89



9DD1FF

# Square

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



B8DB89



00E4FE



DDC2FF



FFB4A2

# Rectangle

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



B8DB89



5EE5C6



DDC2FF



FFAFD9

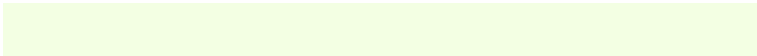


# Sweetspot

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



B8DB89



F3FFE3



DBAB89



78806F



000000



808080

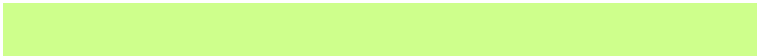


# Same Dimension

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



B8DB89



CEFF8C



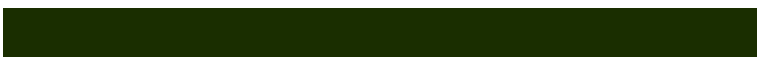
90DB89



696E63



63AD00



1A2E00



# Inverse Universe

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



AC89DB



BD8CFF



D489DB



67636E



4A00AD



14002E



# Previews

## White Background



This preview shows how the Hex color B8DB89 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 B8DB89 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 B8DB89 Background



This preview shows how black text looks on a background with the Hex color B8DB89.

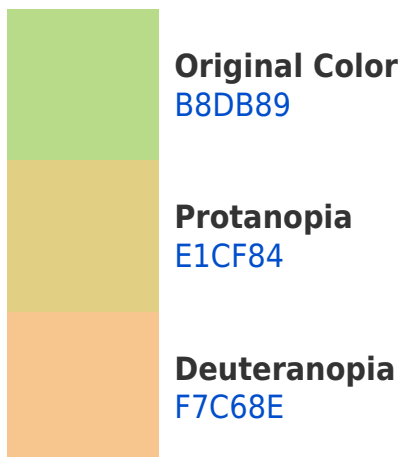


This preview shows how white text looks on a background with the Hex color B8DB89.

# 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](#).

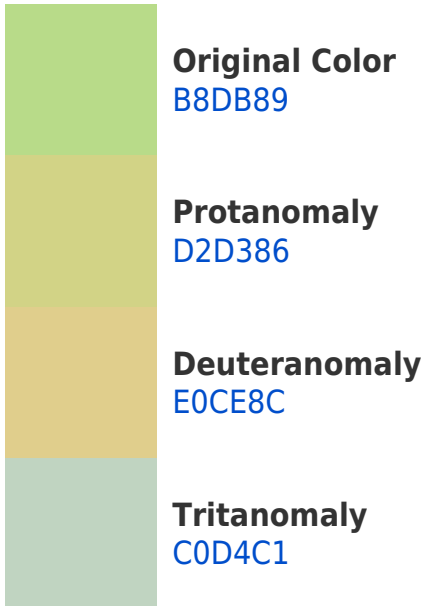
## Dichromacy



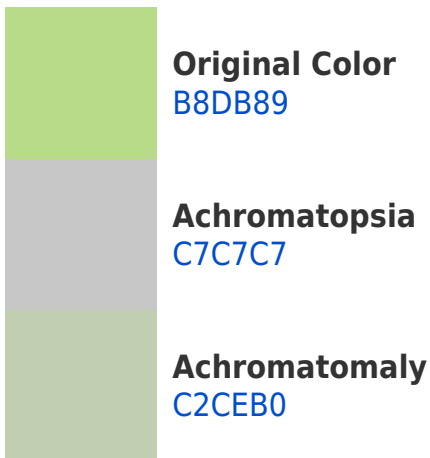


**Tritanopia**  
C4D0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8DB89 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 #B8DB89 looks like.

```
.text, #text, p{  
    color:#B8DB89  
}
```

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 #B8DB89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8DB89
}
```

## Border

The CSS property to change the border of an element to Hex B8DB89 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
#B8DB89 }
```

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

```
.border{ border-color:#B8DB89 }
```

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

Here you see how a box with a 4 pixel #B8DB89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8DB89; -webkit-box-shadow:4px 4px  
4px 4px #B8DB89; box-shadow:4px 4px 4px  
4px #B8DB89 }
```

# Background

The CSS property to change the background color of an element to Hex B8DB89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8DB89 }
```

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

```
.background{ background-color:#B8DB89 }
```

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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