

# Converting Colors

Hex(B9DCA1)

Have a look what the booklet for  
Hex(B9DCA1) contains.

<b>Hex(B9DCA1)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B9DCA1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9DCA1
RGB	185, 220, 161
RGB Percent	73%, 86%, 63%
CMY	0.2745, 0.1373, 0.3686
CMYK	0.16, 0.00, 0.27, 0.14
HSL	96°, 46%, 75%
HSV	96°, 27%, 86%
XYZ	52.0338, 64.0739, 43.3432
YIQ	202.8090, -1.9210, -25.7690

# Conversions

## Conversions Part 2

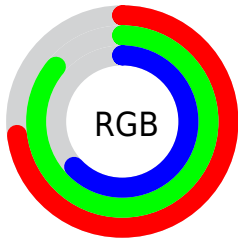
Format	Color
<a href="#">RYB</a>	<a href="#">161, 220, 196</a>
Decimal	<a href="#">12180641</a>
CIELab	<a href="#">84.00, -22.03, 25.30</a>
CIELCh	<a href="#">84, 33.542, 131.045</a>
Yxy	<a href="#">64.0739, 0.3263, 0.4018</a>
Android (android.graphics.Color)	<a href="#">4290370721 (0xFFB9DCA1)</a>
YUV	<a href="#">202.8090, -20.6118, -15.6185</a>
Hunter-Lab	<a href="#">80.0462, -24.0473, 23.9281</a>

# Details

The Hex color **B9DCA1** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C4A1DC**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **F2FFD8**, and **83A56D** is the 20% darker color. If you saturate the color by 10%, you get **ACDC8B**, and if you desaturate by 10%, it is **C6DCB7**.

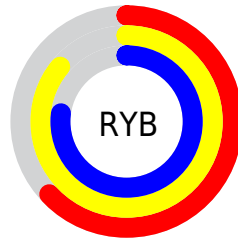
# Distribution



Red (73%)

Green (86%)

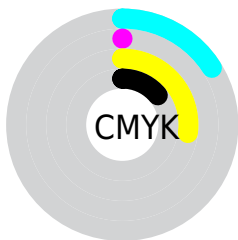
Blue (63%)



Red (63%)

Yellow (86%)

Blue (77%)

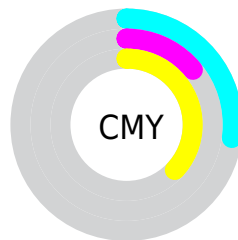


Cyan (16%)

Magenta (0%)

Yellow (27%)

Black (14%)



Cyan (27%)

Magenta (14%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9DCA1 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 B9DCA1 by changing the saturation by 10% instead.



 B9DCA1

FFFFFF

 F2FFD8


 FFFFF5

 B9DCA1

 9EC087

 83A56D

 698A54

 51713D

 385826

 214110

 0C2A00

 001700

 000000

 B9DCA1

 B9DCA1

 ACDC8B

 C6DCB7

 9FDC75

 D3DCCD

 92DC5F

 E0DCE3

 85DC49

 EDDCF9

 78DC33

 FADCFE

 6BDC1D

 FFDCFF

 5EDC07

 59DC00

# Harmonies

## Analogous

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



DCD393



B9DCA1



94E1BC

# Triad

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



B9DCA1



8DDAFF



FFBAC7

# Complementary

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



B9DCA1



C4A1DC

# 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.



FFBDE7



B9DCA1



BAD0FF

# Square

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



B9DCA1



70E1FA



E5C5FF



FFBFA9

# Rectangle

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



B9DCA1



7FE3D2



E5C5FF



FFBAD2



# Sweetspot

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



B9DCA1



F3FFEB



DCC3A1



788073



000000



808080

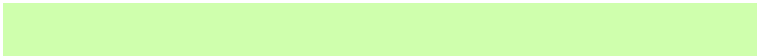


# Same Dimension

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



B9DCA1



CFFFAD



A1DCA6



676E63



47AD00



132E00



# Inverse Universe

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



C4A1DC



DEADFF



DCA1D7



69636E



6700AD



1B002E



# Previews

## White Background



This preview shows how the Hex color B9DCA1 looks on a white background.

## Color Contrast Check

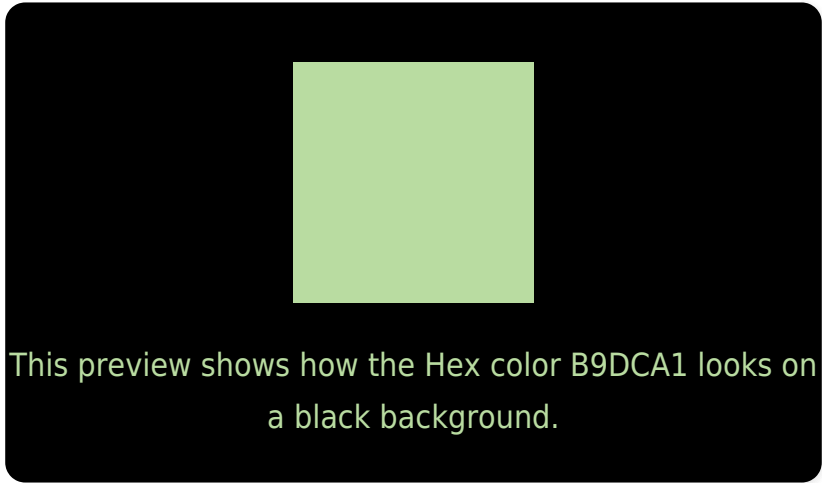
Large Text (above 18pt) WCAG AA × Fail

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

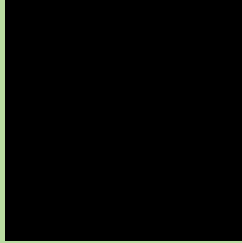
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B9DCA1 Background



This preview shows how black text looks on a background with the Hex color B9DCA1.

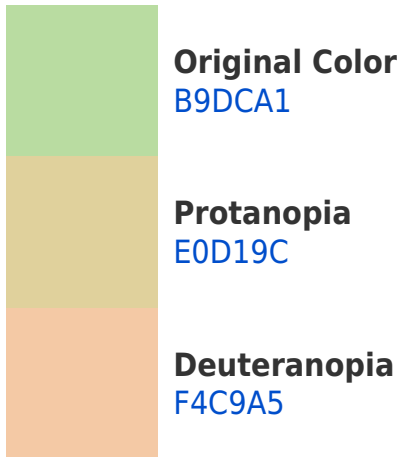


This preview shows how white text looks on a background with the Hex color B9DCA1.

# 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](#).

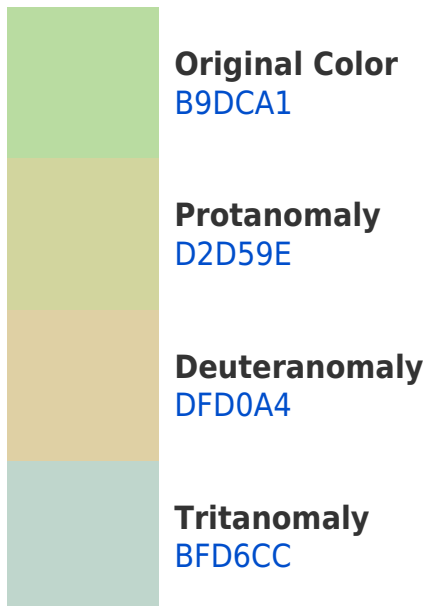
## Dichromacy



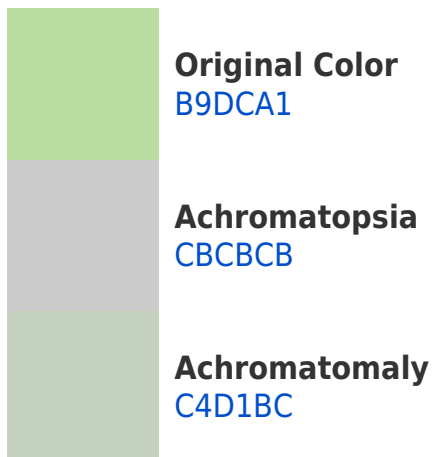


**Tritanopia**  
C3D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9DCA1 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 #B9DCA1 looks like.

```
.text, #text, p{  
    color:#B9DCA1  
}
```

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 #B9DCA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9DCA1
}
```

## Border

The CSS property to change the border of an element to Hex B9DCA1 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
#B9DCA1 }
```

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

```
.border{ border-color:#B9DCA1 }
```

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

Here you see how a box with a 4 pixel #B9DCA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9DCA1; -webkit-box-shadow:4px 4px  
4px 4px #B9DCA1; box-shadow:4px 4px 4px  
4px #B9DCA1 }
```

# Background

The CSS property to change the background color of an element to Hex B9DCA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9DCA1 }
```

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

```
.background{ background-color:#B9DCA1 }
```

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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