

# Converting Colors

Hex(C9DDBB)

Have a look what the booklet for  
Hex(C9DDBB) contains.

<b>Hex(C9DDBB)</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(C9DDBB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9DDBB
RGB	201, 221, 187
RGB Percent	79%, 87%, 73%
CMY	0.2118, 0.1333, 0.2667
CMYK	0.09, 0.00, 0.15, 0.13
HSL	95°, 33%, 80%
HSV	95°, 15%, 87%
XYZ	58.9135, 67.7183, 56.9796
YIQ	211.1440, -1.0060, -14.8140

# Conversions

## Conversions Part 2

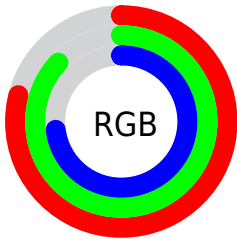
Format	Color
<a href="#">RYB</a>	<a href="#">187, 221, 207</a>
Decimal	<a href="#">13229499</a>
CIELab	<a href="#">85.87, -12.76, 14.46</a>
CIELCh	<a href="#">86, 19.286, 131.429</a>
Yxy	<a href="#">67.7183, 0.3209, 0.3688</a>
Android (android.graphics.Color)	<a href="#">4291419579</a> ( <a href="#">0xFFC9DDBB</a> )
YUV	<a href="#">211.1440, -11.9030, -8.8963</a>
Hunter-Lab	<a href="#">82.2911, -16.2185, 16.5505</a>

# Details

The Hex color **C9DDBB** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **CFBBDD**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFF3**, and **93A686** is the 20% darker color. If you saturate the color by 10%, you get **BCDDA5**, and if you desaturate by 10%, it is **D6DDD1**.

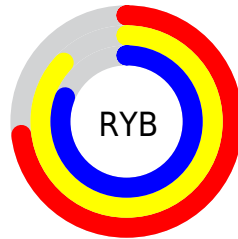
# Distribution



Red (79%)

Green (87%)

Blue (73%)



Red (73%)

Yellow (87%)

Blue (81%)

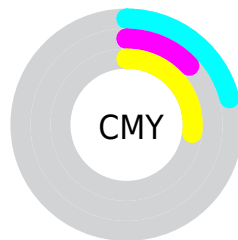


Cyan (9%)

Magenta (0%)

Yellow (15%)

Black (13%)



Cyan (21%)

Magenta (13%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9DDBB 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 C9DDBB by changing the saturation by 10% instead.



 C9DDBB

FFFFFFF

 FFFFFF3

 C9DDBB

 AEC1A0

 93A686

 798C6C

 607254

 48593D

 314227

 1C2C12

 001800

 000000

 C9DDBB

 C9DDBB

 BCDDA5

 D6DDD1

 AFDD8F

 E3DDE7

 A2DD79

 F0DDFD

 95DD63

 FDDDFE

 88DD4D

 FFDDFF

 7BDD36

 6EDD20

 61DD0A

 5BDD00

# Harmonies

## Analogous

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



DED8B3



C9DDBB



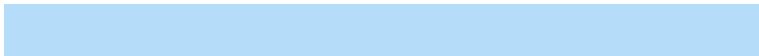
B5E0CA

# Triad

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



C9DDBB



B5DCF9



FDCAD0

# Complementary

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



C9DDBB



CFBBDD

# 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.



F4CBE3



C9DDBB



CBD6FA

# Square

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



C9DDBB



A8E0EE



E3D0F2



FBCDBF

# Rectangle

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



C9DDBB



ACE1D7



E3D0F2



FBCAD6



# Sweetspot

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



C9DDBB



F8FFF2



DDCFBB



7B8078



000000



808080

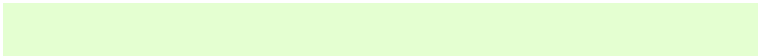


# Same Dimension

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



C9DDBB



E4FFD1



BBDDBE



676E63



47AD00



132E00



# Inverse Universe

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



CFBBDD



ECD1FF



DDBBDA



69636E



6600AD



1B002E



# Previews

## White Background



This preview shows how the Hex color C9DDBB looks on a white background.

## Color Contrast Check

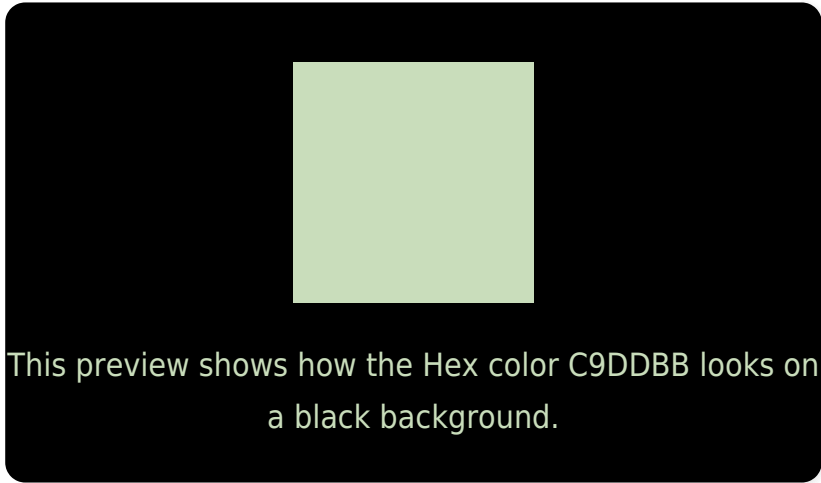
Large Text (above 18pt) WCAG AA × Fail

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

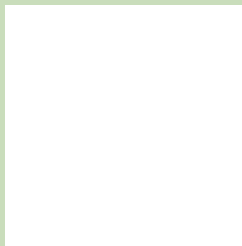
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C9DDBB Background



This preview shows how black text looks on a background with the Hex color C9DDBB.

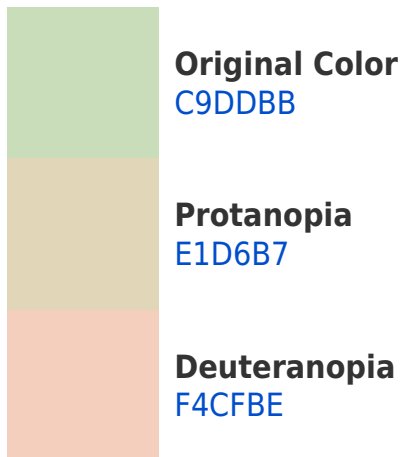


This preview shows how white text looks on a background with the Hex color C9DDBB.

# 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](#).

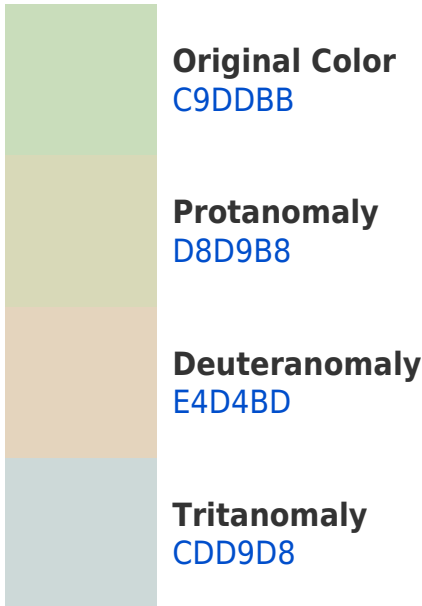
## Dichromacy



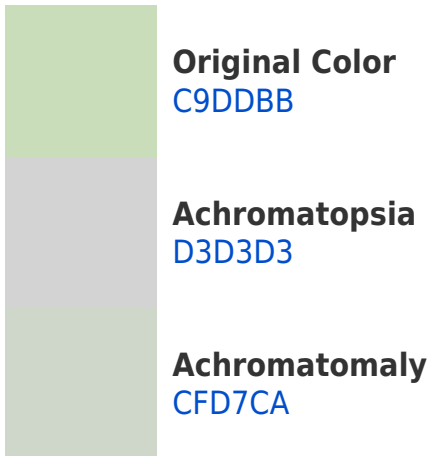


**Tritanopia**  
D0D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9DDBB 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 #C9DDBB looks like.

```
.text, #text, p{  
    color:#C9DDBB  
}
```

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 #C9DDBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9DDBB
}
```

## Border

The CSS property to change the border of an element to Hex C9DDBB 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
#C9DDBB }
```

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

```
.border{ border-color:#C9DDBB }
```

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

Here you see how a box with a 4 pixel #C9DDBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9DDBB; -webkit-box-shadow:4px 4px  
4px 4px #C9DDBB; box-shadow:4px 4px 4px  
4px #C9DDBB }
```

# Background

The CSS property to change the background color of an element to Hex C9DDBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9DDBB }
```

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

```
.background{ background-color:#C9DDBB }
```

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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