

Converting Colors

Hex(9CDCBB)

Have a look what the booklet for
Hex(9CDCBB) contains.

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Color

Hex(9CDCBB)

Conversions

Conversions Part 1

Format	Color
Hex	9CDCBB
RGB	156, 220, 187
RGB Percent	61%, 86%, 73%
CMY	0.3882, 0.1373, 0.2667
CMYK	0.29, 0.00, 0.15, 0.14
HSL	149°, 48%, 74%
HSV	149°, 29%, 86%
XYZ	48.2731, 61.8422, 56.4062
YIQ	197.1020, -27.5510, -23.8310

Conversions

Conversions Part 2

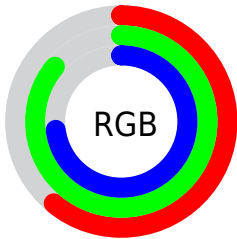
Format	Color
RYB	156, 199, 220
Decimal	10280123
CIELab	82.83, -27.06, 9.77
CIElCh	83, 28.772, 160.153
Yxy	61.8422, 0.2899, 0.3714
Android (android.graphics.Color)	4288470203 (0xFF9CDCBB)
YUV	197.1020, -4.9803, -36.0465
Hunter-Lab	78.6398, -28.0472, 12.5208

Details

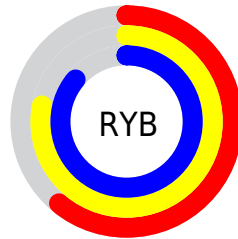
The Hex color **9CDCBB** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DC9CBD**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D4FFF3**, and **67A586** is the 20% darker color. If you saturate the color by 10%, you get **86DCB0**, and if you desaturate by 10%, it is **B2DCC6**.

Distribution



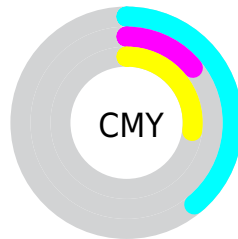
- Red (61%)
- Green (86%)
- Blue (73%)



- Red (61%)
- Yellow (78%)
- Blue (86%)



- Cyan (29%)
- Magenta (0%)
- Yellow (15%)
- Black (14%)



- Cyan (39%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CDCBB 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 9CDCBB by changing the saturation by 10% instead.

 9CDCBB

 9CDCBB

FFFFFF

 81C0A0

 D4FFF3

 67A586

 F1FFFF

 4D8A6D

 337054

 18583D

 004027

 002913

 001200

 000000

 9CDCBB

 9CDCBB

 86DCB0

 B2DCC6

 70DCA4

 C8DCD2

 5ADC99

 DEDCDD

 44DC8E

 F4DCE8

 2EDC82

 FFDCF4

 18DC77

 FFDCFF

 02DC6C

 00DC6B

Harmonies

Analogous

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



BBD7A4



9CDCBB



84DED7

Triad

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



9CDCBB



BACEFF



FFBEAD

Complementary

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



9CDCBB



DC9CBD

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.



FFBBC6



9CDCBB



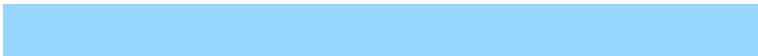
DEC4F8

Square

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



9CDCBB



96D6FF



F9BDE1



F2C69C

Rectangle

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



9CDCBB



7FDDE8



F9BDE1



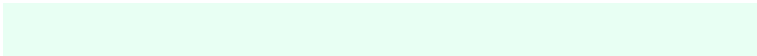
FFBDB4

Sweetspot

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



9CDCBB



E8FFF3



BDDC9C



718078



000000



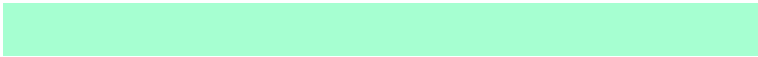
808080

Same Dimension

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



9CDCBB



A6FFD1



9CDCDB



636E68



00AD54



002E16

Inverse Universe

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



DC9CBD



FFA6D4



DC9C9D



6E6368



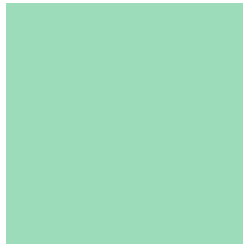
AD0059



2E0018

Previews

White Background



This preview shows how the Hex color 9CDCBB looks on a white background.

Color Contrast Check

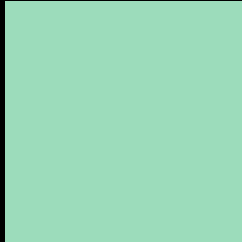
Large Text (above 18pt) WCAG AA × Fail

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 9CDCBB 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 9CDCBB Background



This preview shows how black text looks on a background with the Hex color 9CDCBB.

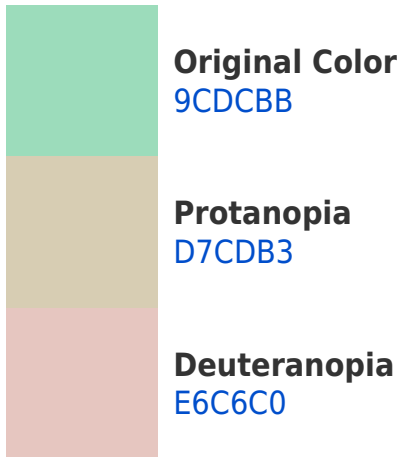


This preview shows how white text looks on a background with the Hex color 9CDCBB.

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



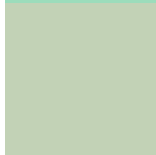


Tritanopia
A5D6E7

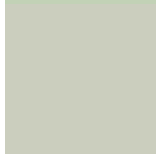
Trichromacy



Original Color
9CDCBB



Protanomaly
C2D2B6



Deuteranomaly
CBCEBE



Tritanomaly
A2D8D7

Monochromacy



Original Color
9CDCBB



Achromatopsia
C5C5C5



Achromatomaly
B6CDC1

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CDCBB 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 #9CDCBB looks like.

```
.text, #text, p{  
    color:#9CDCBB  
}
```

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 #9CDCBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CDCBB
}
```

Border

The CSS property to change the border of an element to Hex 9CDCBB 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
#9CDCBB }
```

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

```
.border{ border-color:#9CDCBB }
```

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

Here you see how a box with a 4 pixel #9CDCBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CDCBB; -webkit-box-shadow:4px 4px  
4px 4px #9CDCBB; box-shadow:4px 4px 4px  
4px #9CDCBB }
```

Background

The CSS property to change the background color of an element to Hex 9CDCBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CDCBB }
```

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

```
.background{ background-color:#9CDCBB }
```

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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