

Converting Colors

Hex(9CDDCD)

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

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Color

Hex(9CDDCD)

Conversions

Conversions Part 1

Format	Color
Hex	9CDDCD
RGB	156, 221, 205
RGB Percent	61%, 87%, 80%
CMY	0.3882, 0.1333, 0.1961
CMYK	0.29, 0.00, 0.07, 0.13
HSL	165°, 49%, 74%
HSV	165°, 29%, 87%
XYZ	50.5862, 63.1886, 67.2881
YIQ	199.7410, -33.6040, -18.7560

Conversions

Conversions Part 2

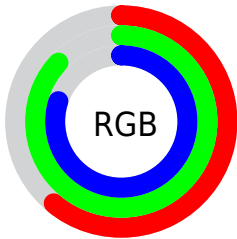
Format	Color
R _{YB}	156, 193, 221
Decimal	10280397
CIE _{Lab}	83.54, -23.86, 1.27
CIE _{LCh}	84, 23.893, 176.958
Yxy	63.1886, 0.2794, 0.3490
Android (android.graphics.Color)	4288470477 (0xFF9CDDCD)
YUV	199.7410, 2.5927, -38.3609
Hunter-Lab	79.4913, -25.5169, 5.4559

Details

The Hex color **9CDDCD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DD9CAC**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **D4FFFF**, and **66A697** is the 20% darker color. If you saturate the color by 10%, you get **86DDC8**, and if you desaturate by 10%, it is **B2DDD2**.

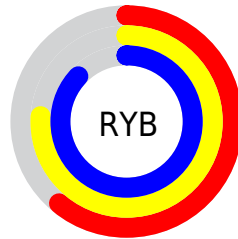
Distribution



Red (61%)

Green (87%)

Blue (80%)



Red (61%)

Yellow (76%)

Blue (87%)

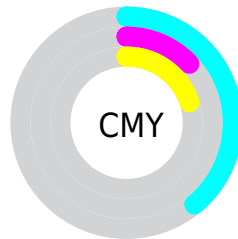


Cyan (29%)

Magenta (0%)

Yellow (7%)

Black (13%)



Cyan (39%)

Magenta (13%)

Yellow (20%)

Brightness & Saturation Gradients


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

 9CDDCD

 9CDDCD

FFFFFF

 81C1B2

 D4FFFF

 66A697

 F1FFFF

 4C8B7D

 327164

 16594C

 004136

 002A20

 001509

 000000

 9CDDCD

 9CDDCD

 86DDC8

 B2DDD2

 70DDC2

 C8DDD8

 5ADDBD

 DEDDDD

 44DDB7

 F4DDE3

 2EDDB2

 FFDDE8

 17DDAC

 FFDDEE

 01DDA7

 FFDDF3

 00DDA7

 FFDDF9

 FFDDFE

Harmonies

Analogous

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



B2DAB7



9CDDCD



92DDE4

Triad

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



9CDDCD



D1CBF8



F6C7AB

Complementary

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



9CDDCD



DD9CAC

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.



FFC1BD



9CDDCD



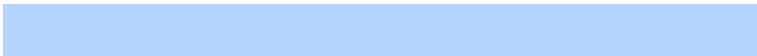
EBC4E9

Square

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



9CDDCD



B3D3FD



FBC0D3



E4CEA4

Rectangle

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



9CDDCD



95DBF0



FBC0D3



FAC4B0

Sweetspot

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



9CDDCD



E8FFF9



ACDD9C



71807C



000000



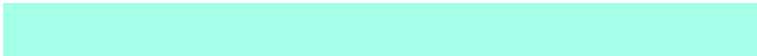
808080

Same Dimension

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



9CDDCD



A6FFE9



9CCDDD



636E6B



00AD83



002E23

Inverse Universe

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



DD9CAC



FFA6BC



DDAC9C



6E6365



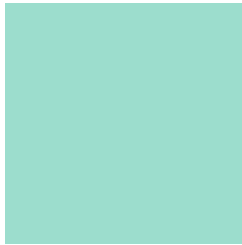
AD002B



2E000B

Previews

White Background



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

Color Contrast Check

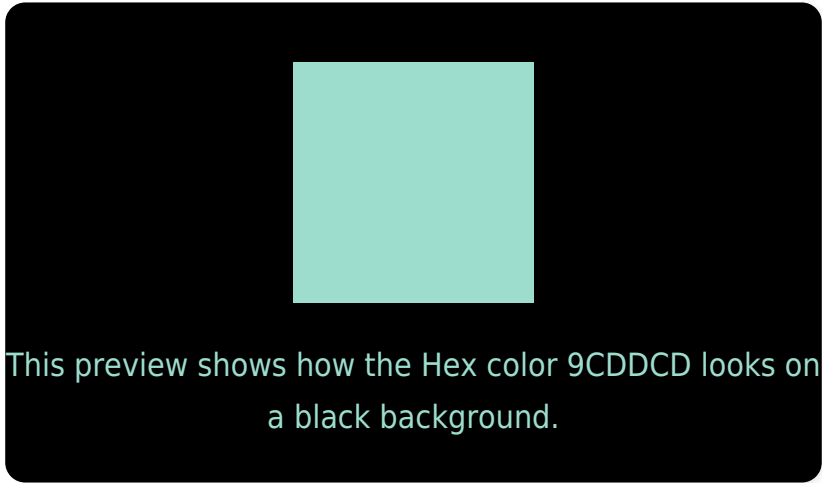
Large Text (above 18pt) WCAG AA × Fail

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

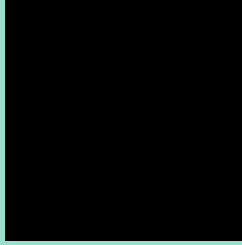
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

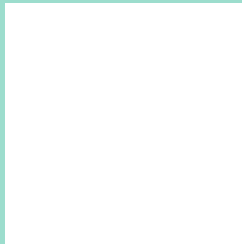
Any Text WCAG AAA ✓ Pass

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

Hex 9CDDCD Background



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

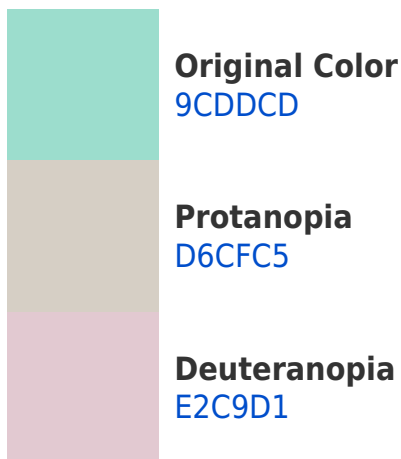


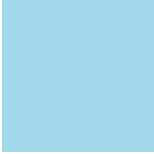
This preview shows how white text looks on a background with the Hex color 9CDDCD.

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



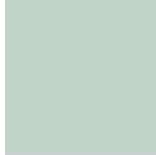


Tritanopia
A2D9EA

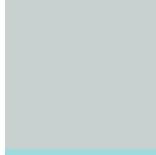
Trichromacy



Original Color
9CDDCD



Protanomaly
C1D4C8



Deuteranomaly
C9D0D0

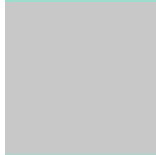


Tritanomaly
A0DADF

Monochromacy



Original Color
9CDDCD



Achromatopsia
C8C8C8



Achromatomaly
B8D0CA

CSS Examples

Text

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

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

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 #9CDDCD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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