

Converting Colors

Hex(9CDDD4)

Have a look what the booklet for
Hex(9CDDD4) contains.

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Color

Hex(9CDDD4)

Conversions

Conversions Part 1

Format	Color
Hex	9CDDD4
RGB	156, 221, 212
RGB Percent	61%, 87%, 83%
CMY	0.3882, 0.1333, 0.1686
CMYK	0.29, 0.00, 0.04, 0.13
HSL	172°, 49%, 74%
HSV	172°, 29%, 87%
XYZ	51.4504, 63.5343, 71.8390
YIQ	200.5390, -35.8510, -16.5790

Conversions

Conversions Part 2

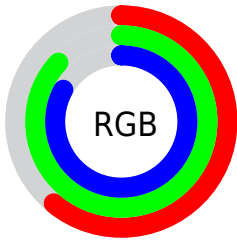
Format	Color
R _{YB}	156, 191, 221
Decimal	10280404
CIE _{Lab}	83.72, -22.35, -2.18
CIE _{LCh}	84, 22.452, 185.564
Y _{xy}	63.5343, 0.2754, 0.3401
Android (android.graphics.Color)	4288470484 (0xFF9CDDD4)
YUV	200.5390, 5.6503, -39.0607
Hunter-Lab	79.7084, -24.2710, 2.3594

Details

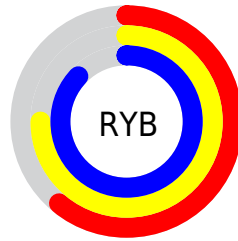
The Hex color **9CDDD4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DD9CA5**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D4FFFF**, and **66A69D** is the 20% darker color. If you saturate the color by 10%, you get **86DDD1**, and if you desaturate by 10%, it is **B2DDD7**.

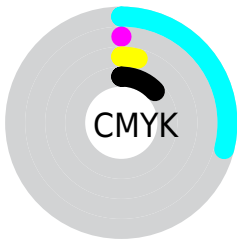
Distribution



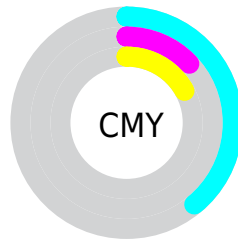
- Red (61%)
- Green (87%)
- Blue (83%)



- Red (61%)
- Yellow (75%)
- Blue (87%)



- Cyan (29%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (39%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CDDD4 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 9CDDD4 by changing the saturation by 10% instead.


 9CDDD4

FFFFFF

 D4FFFF

 F1FFFF

 9CDDD4

 81C1B8

 66A69D

 4C8B83

 32726A

 145952

 00413B

 002B26

 001611

 000000

 9CDDD4

 9CDDD4

 86DDD1

 B2DDD7

 70DDCE

 C8DDDA

 5ADDCB

 DEDDDD

 44DDC8

 F4DDE0

 2EDDC5

 FFDDE3

 17DDC2

 FFDDE6

 01DDBF

 FFDDE9

 00DDBE

 FFDDEC

 FFDDF0

Harmonies

Analogous

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



AEDBBF



9CDDD4



97DCE8

Triad

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



9CDDD4



D9CAF3



F0CAAB

Complementary

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



9CDDD4



DD9CA5

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.



FBC4B9



9CDDD4



F0C4E3

Square

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



9CDDD4



BED1FA



FCC2CD



DDD1A7

Rectangle

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



9CDDD4



9ED9F3



FCC2CD



F5C7AF

Sweetspot

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



9CDDD4



E8FFFC



A6DD9C



71807E



000000



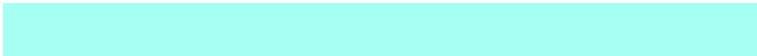
808080

Same Dimension

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



9CDDD4



A6FFF3



9CC6DD



636E6C



00AD95



002E28

Inverse Universe

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



DD9CA5



FFA6B2



DDB39C



6E6364



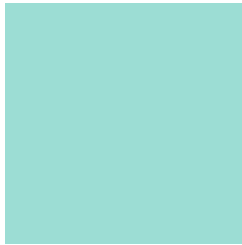
AD0018



2E0006

Previews

White Background



This preview shows how the Hex color 9CDDD4 looks on a white background.

Color Contrast Check

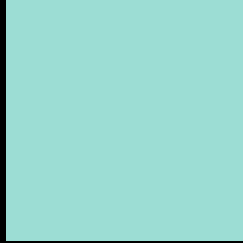
Large Text (above 18pt) WCAG AA × Fail

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 9CDDD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

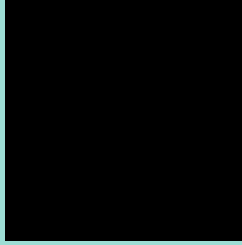
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

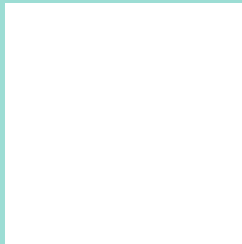
Any Text WCAG AAA ✓ Pass

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

Hex 9CDDD4 Background



This preview shows how black text looks on a background with the Hex color 9CDDD4.

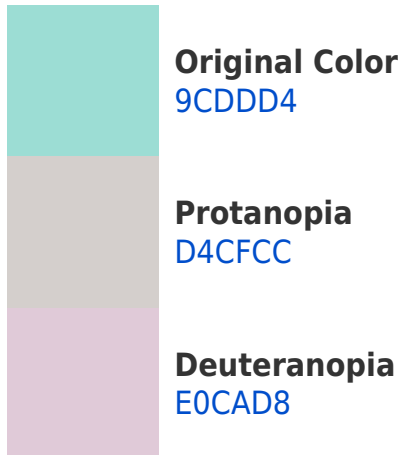


This preview shows how white text looks on a background with the Hex color 9CDDD4.

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](#).

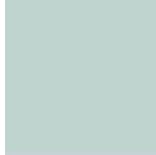
Dichromacy



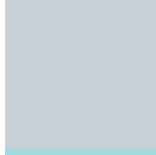
Trichromacy



Original Color
9CDDD4



Protanomaly
C0D4CF



Deuteranomaly
C7D1D7

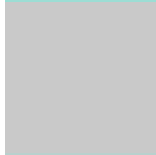


Tritanomaly
9FDBE3

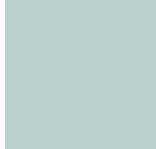
Monochromacy



Original Color
9CDDD4



Achromatopsia
C9C9C9



Achromatomaly
B9D0CD

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CDDD4 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 #9CDDD4 looks like.

```
.text, #text, p{  
    color:#9CDDD4  
}
```

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 #9CDDD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CDDD4
}
```

Border

The CSS property to change the border of an element to Hex 9CDDD4 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
#9CDDD4 }
```

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

```
.border{ border-color:#9CDDD4 }
```

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

Here you see how a box with a 4 pixel #9CDDD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CDDD4; -webkit-box-shadow:4px 4px  
4px 4px #9CDDD4; box-shadow:4px 4px 4px  
4px #9CDDD4 }
```

Background

The CSS property to change the background color of an element to Hex 9CDDD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CDDD4 }
```

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

```
.background{ background-color:#9CDDD4 }
```

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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