

Converting Colors

Hex(9DDCD9)

Have a look what the booklet for
Hex(9DDCD9) contains.

Hex(9DDCD9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9DDCD9)

Conversions

Conversions Part 1

Format	Color
Hex	9DDCD9
RGB	157, 220, 217
RGB Percent	62%, 86%, 85%
CMY	0.3843, 0.1373, 0.1490
CMYK	0.29, 0.00, 0.01, 0.14
HSL	177°, 47%, 74%
HSV	177°, 29%, 86%
XYZ	52.0222, 63.3643, 75.1343
YIQ	200.8210, -36.5850, -14.2890

Conversions

Conversions Part 2

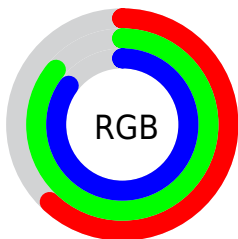
Format	Color
RYB	157, 189, 220
Decimal	10345689
CIELab	83.63, -20.46, -4.95
CIELCh	84, 21.049, 193.609
Yxy	63.3643, 0.2731, 0.3326
Android (android.graphics.Color)	4288535769 (0xFF9DDCD9)
YUV	200.8210, 7.9762, -38.4310
Hunter-Lab	79.6017, -22.6475, -0.2414

Details

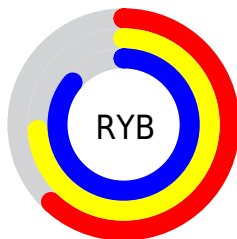
The Hex color **9DDCD9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DC9DA0**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D5FFFF**, and **67A5A2** is the 20% darker color. If you saturate the color by 10%, you get **87DCD8**, and if you desaturate by 10%, it is **B3DCDA**.

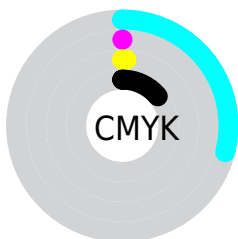
Distribution



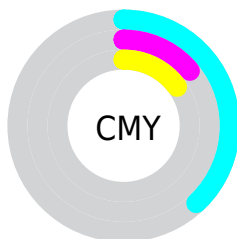
- Red (62%)
- Green (86%)
- Blue (85%)



- Red (62%)
- Yellow (74%)
- Blue (86%)



- Cyan (29%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (38%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DDCD9 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 9DDCD9 by changing the saturation by 10% instead.

 9DDCD9

 9DDCD9

FFFFFF

 82C0BD

 D5FFFF

 67A5A2

 F2FFFF

 4D8A88

 33716F

 155856

 00403F

 002A29

 001615

 000000

 9DDCD9

 9DDCD9

 87DCD8

 B3DCDA

 71DCD7

 C9DCDB

 5BDCD6

 DFDCDC

 45DCD5

 F5DCDD

 2FDCD4

 FFDCE

 19DCD3

 FFDCDF

 03DCD2

 FFDCE0

 00DCD2

 FFDCE1

 FFDCE2

Harmonies

Analogous

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



ABDBC5



9DDCD9



9DDAEB

Triad

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



9DDCD9



DFC8ED



EACBAB

Complementary

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



9DDCD9



DC9DA0

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.



F7C6B6



9DDCD9



F2C4DC

Square

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



9DDCD9



C6CFF7



FAC3C8



D6D2AA

Rectangle

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



9DDCD9



A6D7F3



FAC3C8



EFC9AE

Sweetspot

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



9DDCD9



E8FFFE



A0DC9D



71807F



000000



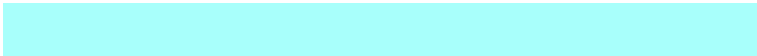
808080

Same Dimension

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



9DDCD9



A8FFFB



9DC0DC



636E6D



00ADA5



002E2C

Inverse Universe

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



DC9DA0



FFA8AC



DCB99D



6E6363



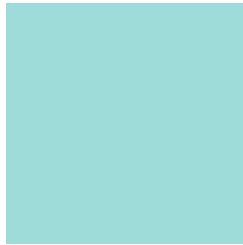
AD0008



2E0002

Previews

White Background



This preview shows how the Hex color 9DDCD9 looks on a white background.

Color Contrast Check

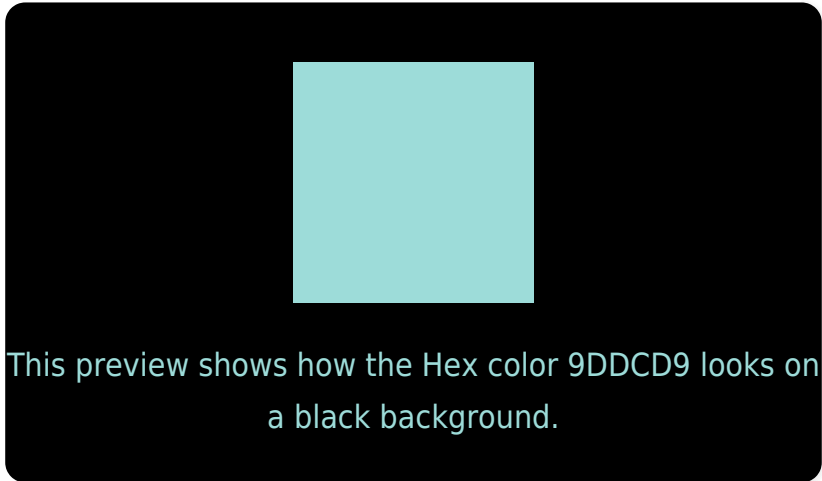
Large Text (above 18pt) WCAG AA × Fail

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

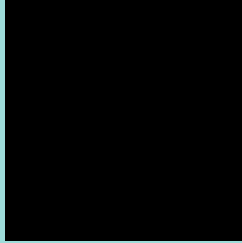
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

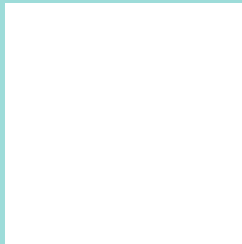
Any Text WCAG AAA ✓ Pass

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

Hex 9DDCD9 Background



This preview shows how black text looks on a background with the Hex color 9DDCD9.

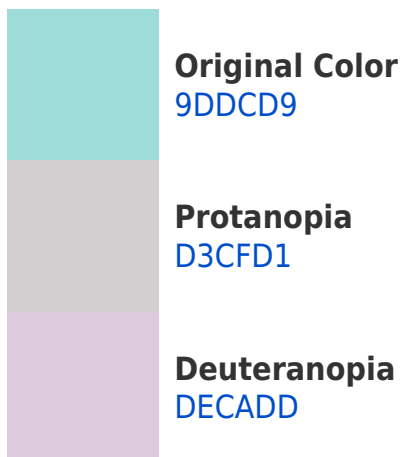


This preview shows how white text looks on a background with the Hex color 9DDCD9.

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](#).

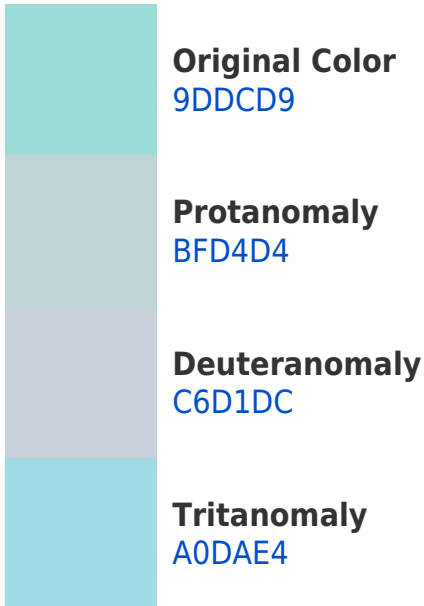
Dichromacy



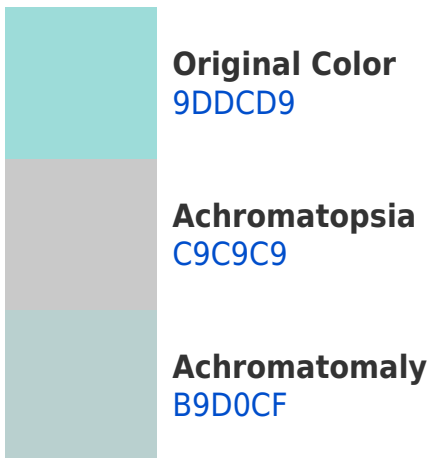


Tritanopia
A1D9EB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DDCD9 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 #9DDCD9 looks like.

```
.text, #text, p{  
    color:#9DDCD9  
}
```

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 #9DDCD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DDCD9
}
```

Border

The CSS property to change the border of an element to Hex 9DDCD9 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
#9DDCD9 }
```

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

```
.border{ border-color:#9DDCD9 }
```

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

Here you see how a box with a 4 pixel #9DDCD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DDCD9; -webkit-box-shadow:4px 4px  
4px 4px #9DDCD9; box-shadow:4px 4px 4px  
4px #9DDCD9 }
```

Background

The CSS property to change the background color of an element to Hex 9DDCD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DDCD9 }
```

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

```
.background{ background-color:#9DDCD9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor