

Converting Colors

Hex(9CDFD9)

Have a look what the booklet for
Hex(9CDFD9) contains.

| | |
|--|----|
| Hex(9CDFD9) | 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(9CDFD9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9CDFD9 |
| RGB | 156, 223, 217 |
| RGB Percent | 61%, 87%, 85% |
| CMY | 0.3882, 0.1255, 0.1490 |
| CMYK | 0.30, 0.00, 0.03, 0.13 |
| HSL | 175°, 51%, 74% |
| HSV | 175°, 30%, 87% |
| XYZ | 52.6224, 64.8530, 75.3900 |
| YIQ | 202.2830, -38.0060, -16.0700 |

Conversions

Conversions Part 2

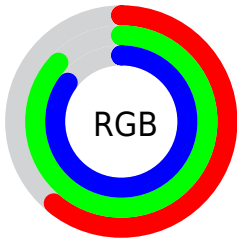
| Format | Color |
|-------------------------------------|--|
| RYB | 156, 191, 223 |
| Decimal | 10280921 |
| CIELab | 84.41, -22.23, -3.82 |
| CIELCh | 84, 22.555, 189.746 |
| Yxy | 64.8530, 0.2728, 0.3363 |
| Android (android.graphics.Color) | 4288471001 (0xFF9CDFD9) |
| YUV | 202.2830, 7.2555, -40.5902 |
| Hunter-Lab | 80.5314, -24.2910, 0.8672 |

Details

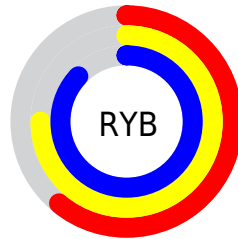
The Hex color **9CDFD9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DF9CA2**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **D4FFFF**, and **66A8A2** is the 20% darker color. If you saturate the color by 10%, you get **86DFD7**, and if you desaturate by 10%, it is **B2DFDB**.

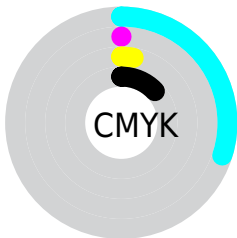
Distribution



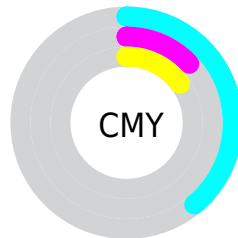
- Red (61%)
- Green (87%)
- Blue (85%)



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



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (39%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9CDFD9 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 9CDFD9 by changing the saturation by 10% instead.

 9CDFD9

 9CDFD9

FFFFFF

 81C3BD

 D4FFFF

 66A8A2

 F1FFFF

 4B8D88

 31736F

 125B56

 00433F

 002C29

 001915

 000000

 9CDFD9

 9CDFD9

 86DFD7

 B2DFDB

 6FDFD5

 C9DFDD

 59DFD3

 DFDLDF

 43DFD1

 F5DFE1

 2DDFCF

 FFDLE3

 16DFCD

 FFDLE5

 00DFCB

 FFDLE7

 FFDLE9

 FFDLEB

Harmonies

Analogous

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



ACDEC3



9CDFD9



9ADDED

Triad

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



9CDFD9



DFCBF3



F0CCAB

Complementary

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



9CDFD9



DF9CA2

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.



FDC6B8



9CDFD9



F4C5E2

Square

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



9CDFD9



C3D2FC



FEC4CC



DCD3A9

Rectangle

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



9CDFD9



A2DBF7



FEC4CC



F5CAAF

Sweetspot

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



9CDFD9



E8FFFD



A3DF9C



71807E



000000



808080

Same Dimension

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



9CDFD9



A3FFF7



9CC4DF



65706F



00B0A0



00302C

Inverse Universe

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



DF9CA2



FFA3AB



DFB79C



706566



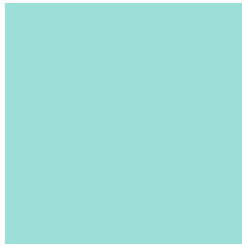
B00010



300004

Previews

White Background



This preview shows how the Hex color 9CDFD9 looks on a white background.

Color Contrast Check

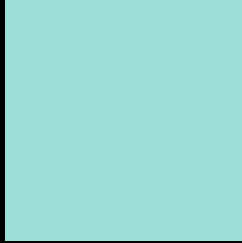
Large Text (above 18pt) WCAG AA × Fail

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 9CDFD9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

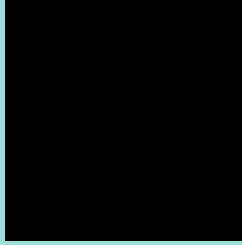
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

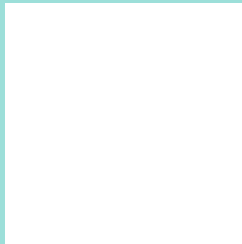
Any Text WCAG AAA ✓ Pass

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

Hex 9CDFD9 Background



This preview shows how black text looks on a background with the Hex color 9CDFD9.

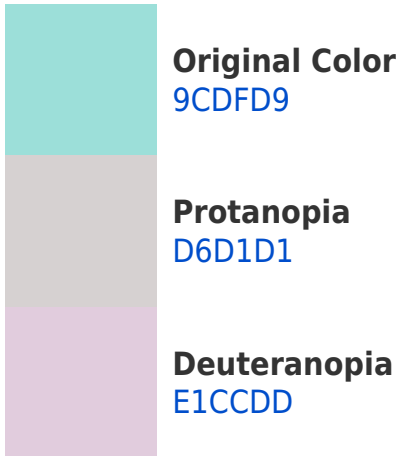


This preview shows how white text looks on a background with the Hex color 9CDFD9.

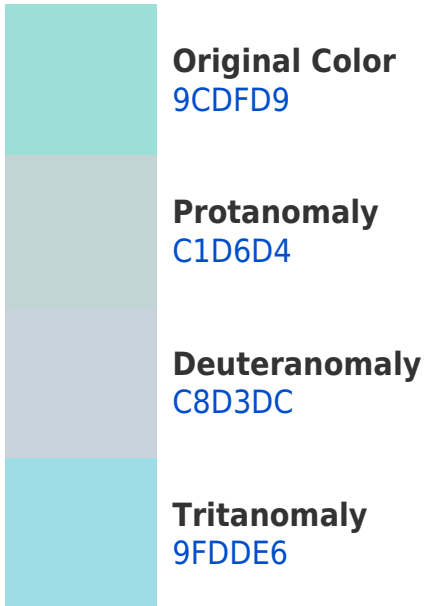
Color Blindness Simulation

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](#).

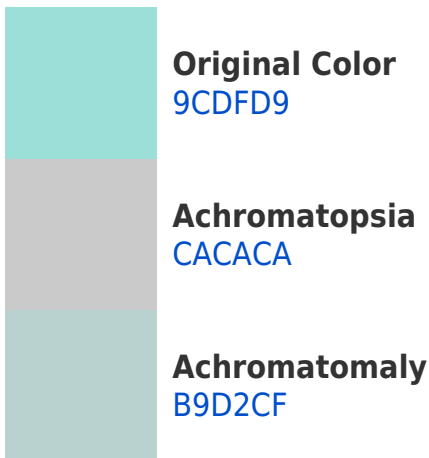
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CDFD9 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 #9CDFD9 looks like.

```
.text, #text, p{  
    color:#9CDFD9  
}
```

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 #9CDFD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CDFD9
}
```

Border

The CSS property to change the border of an element to Hex 9CDFD9 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
#9CDFD9 }
```

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

```
.border{ border-color:#9CDFD9 }
```

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

Here you see how a box with a 4 pixel #9CDFD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CDFD9; -webkit-box-shadow:4px 4px  
4px 4px #9CDFD9; box-shadow:4px 4px 4px  
4px #9CDFD9 }
```

Background

The CSS property to change the background color of an element to Hex 9CDFD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CDFD9 }
```

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

```
.background{ background-color:#9CDFD9 }
```

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