

Converting Colors

Hex(9AFCDD)

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

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Color

Hex(9AFCDD)

Conversions

Conversions Part 1

Format	Color
Hex	9AFCDD
RGB	154, 252, 221
RGB Percent	60%, 99%, 87%
CMY	0.3961, 0.0118, 0.1333
CMYK	0.39, 0.00, 0.12, 0.01
HSL	161°, 94%, 80%
HSV	161°, 39%, 99%
XYZ	61.1880, 81.7113, 80.9535
YIQ	219.1640, -48.4570, -30.4170

Conversions

Conversions Part 2

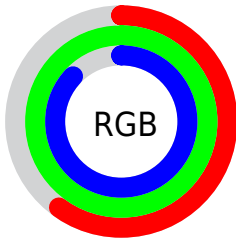
Format	Color
RYB	154, 212, 252
Decimal	10157277
CIELab	92.45, -35.71, 5.79
CIELCh	92, 36.182, 170.786
Yxy	81.7113, 0.2733, 0.3650
Android (android.graphics.Color)	4288347357 (0xFF9AFCDD)
YUV	219.1640, 0.9051, -57.1488
Hunter-Lab	90.3943, -37.3632, 10.1783

Details

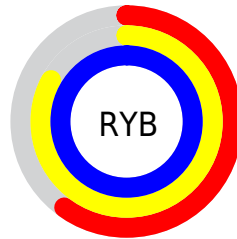
The Hex color **9AFCDD** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FC9AB9**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **D4FFFF**, and **61C3A6** is the 20% darker color. If you saturate the color by 10%, you get **81FCD5**, and if you desaturate by 10%, it is **B3FCE5**.

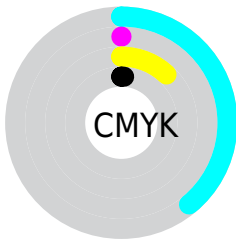
Distribution



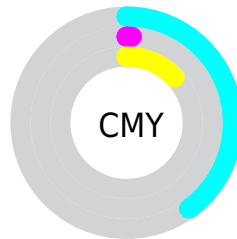
- Red (60%)
- Green (99%)
- Blue (87%)



- Red (60%)
- Yellow (83%)
- Blue (99%)



- Cyan (39%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)



- Cyan (40%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 9AFCDD

FFFFFF

 D4FFFF

 F1FFFF

 9AFCDD

 7EDFC1

 61C3A6

 45A78C

 248D72

 00735A

 005A42

 00412C

 002B18

 001000

 9AFCDD

 9AFCDD

 81FCD5

 B3FCE5

 68FCCD

 CCFCED

 4EFCC5

 E6FCF5

 35FCBD

 FFFCFD

 1CFCB5

 FFFCFF

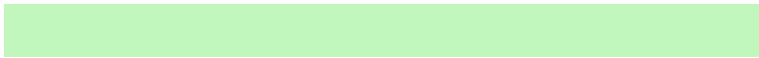
 03FCAD

 00FCAC

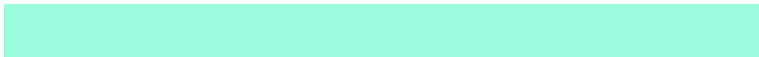
Harmonies

Analogous

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



C1F7BC



9AFCDD



7FFCFF

Triad

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



9AFCDD



E0E4FF



FFD8B5

Complementary

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



9AFCDD



FC9AB9

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.



FFD1D2



9AFCDD



FFD8FF

Square

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



9AFCDD



ADF0FF



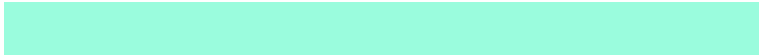
FFD1F6



FFE3A5

Rectangle

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



9AFCDD



7EFAFF



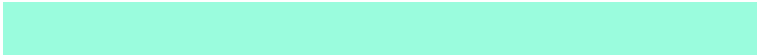
FFD1F6



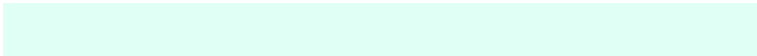
FFD5BD

Sweetspot

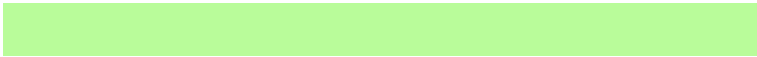
The Sweet Spot groups the original color and five complimentary colors.



9AFCDD



E0FFF5



B9FC9A



6E807A



000000



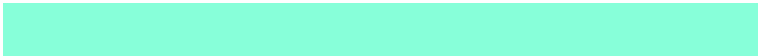
808080

Same Dimension

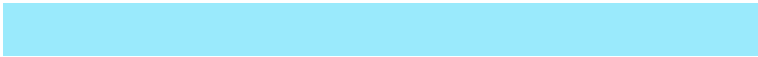
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9AFCDD



87FFD9



9AEAFC



707D79



00BD81



003D2A

Inverse Universe

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



FC9AB9



FF87AD



FCAC9A



7D7074



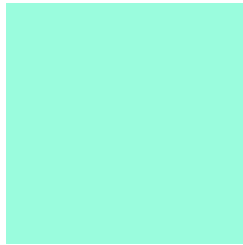
BD003C



3D0013

Previews

White Background



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

Color Contrast Check

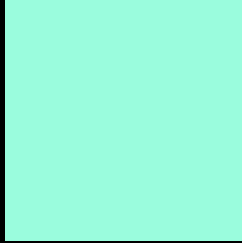
Large Text (above 18pt) WCAG AA × Fail

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 9AFCDD 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 9AFCDD Background



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

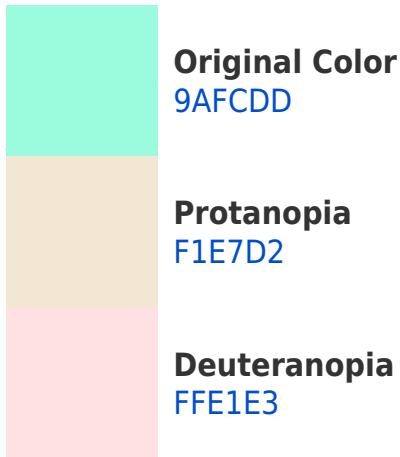


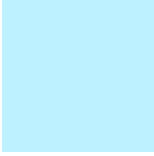
This preview shows how white text looks on a background with the Hex color 9AFCDD.

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



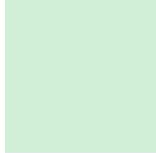


Tritanopia
BEF1FF

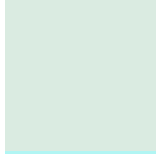
Trichromacy



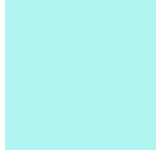
Original Color
9AFCDD



Protanomaly
D1EFD6

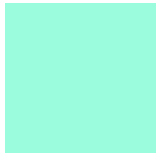


Deuteranomaly
DAEBE1

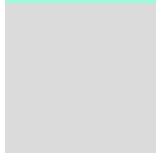


Tritanomaly
B1F5F3

Monochromacy



Original Color
9AFCDD



Achromatopsia
DBDBDB



Achromatomaly
C3E7DC

CSS Examples

Text

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

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

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 #9AFCDD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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