

Converting Colors

Hex(9AFFCD)

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

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Color

Hex(9AFFCD)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9AFFCD |
| RGB | 154, 255, 205 |
| RGB Percent | 60%, 100%, 80% |
| CMY | 0.3961, 0.0000, 0.1961 |
| CMYK | 0.40, 0.00, 0.20, 0.00 |
| HSL | 150°, 100%, 80% |
| HSV | 150°, 40%, 100% |
| XYZ | 60.1059, 82.7978, 70.5713 |
| YIQ | 219.1010, -44.1460, -36.9620 |

Conversions

Conversions Part 2

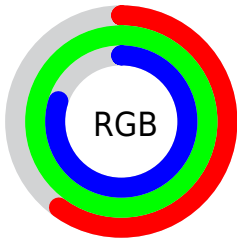
| Format | Color |
|-------------------------------------|---|
| RYB | 154, 221, 255 |
| Decimal | 10158029 |
| CIELab | 92.93, -40.34, 14.72 |
| CIELCh | 93, 42.940, 159.951 |
| Yxy | 82.7978, 0.2816, 0.3879 |
| Android (android.graphics.Color) | 4288348109 (0xFF9AFFCD) |
| YUV | 219.1010, -6.9518, -57.0936 |
| Hunter-Lab | 90.9933, -41.3296, 17.7120 |

Details

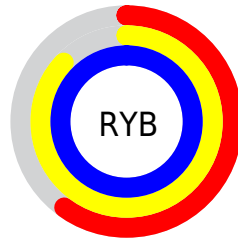
The Hex color **9AFFCD** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF9ACC**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **D4FFFF**, and **61C697** is the 20% darker color. If you saturate the color by 10%, you get **81FFC0**, and if you desaturate by 10%, it is **B3FFDA**.

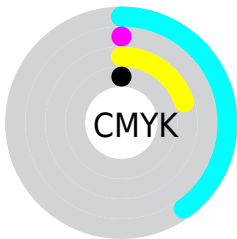
Distribution



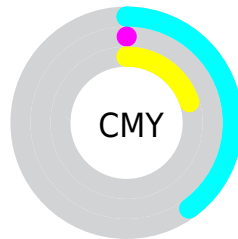
- Red (60%)
- Green (100%)
- Blue (80%)



- Red (60%)
- Yellow (87%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 9AFFCD

FFFFFF

 D4FFFF

 F1FFFF

 9AFFCD

 7EE2B1

 61C697

 45AA7D

 248F64

 00754C

 005C35

 00431F

 002C09

 001200

 9AFFCD

 9AFFCD

 81FFC0

 B3FFDA

 67FFB4

 CDFFE6

 4EFFA7

 E7FFF3

 34FF9B

FFFFFF

 1AFF8E

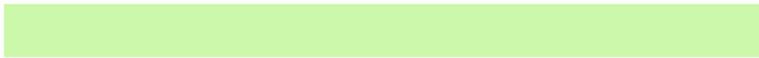
 01FF81

 00FF81

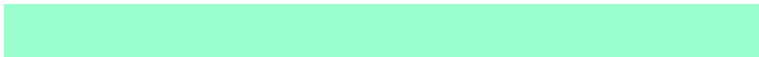
Harmonies

Analogous

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



CCF8AA



9AFFCD



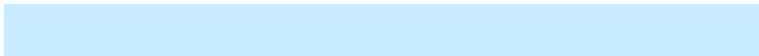
6AFFF8

Triad

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



9AFFCD



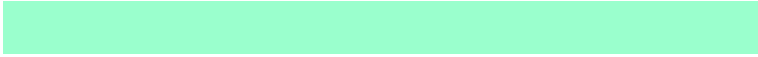
C7EAFF



FFD2B8

Complementary

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



9AFFCD



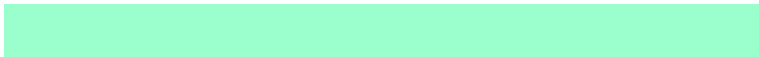
FF9ACC

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.



FFCBDE



9AFFCD



FFDBFF

Square

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



9AFFCD



86F7FF



FFCFFF



FFDF9E

Rectangle

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



9AFFCD



57FFFF



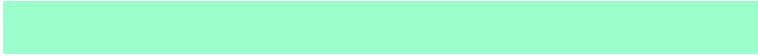
FFCFFF



FFCFC3

Sweetspot

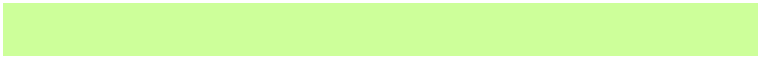
The Sweet Spot groups the original color and five complimentary colors.



9AFFCD



E0FFF0



CDFF9A



6E8077



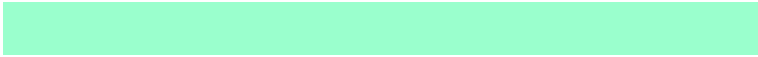
000000



808080

Same Dimension

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



9AFFCD



85FFC2



9AFFFF



738079



00BF61



004020

Inverse Universe

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



FF9ACC



FF85C1



FF9A9A



807379



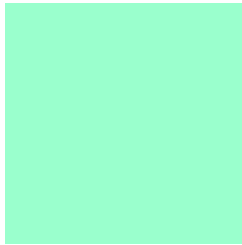
BF005F



400020

Previews

White Background



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

Color Contrast Check

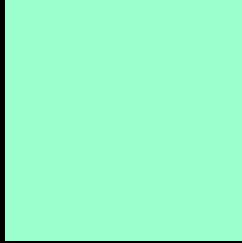
Large Text (above 18pt) WCAG AA × Fail

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 9AFFCD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

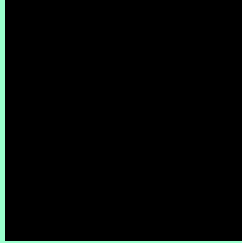
Any Text WCAG AA ✓ Pass

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 9AFFCD Background



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

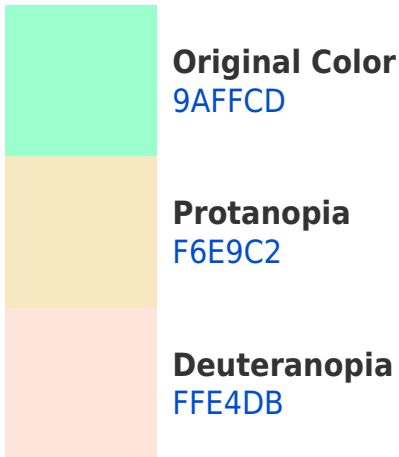


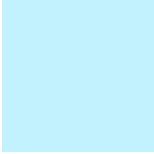
This preview shows how white text looks on a background with the Hex color 9AFFCD.

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



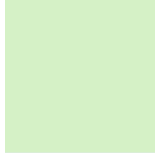


Tritanopia
C3F2FF

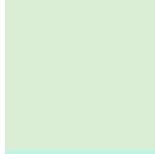
Trichromacy



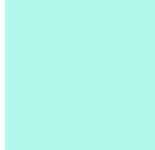
Original Color
9AFFCD



Protanomaly
D5F1C6



Deuteranomaly
DAEED6

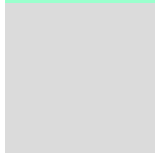


Tritanomaly
B4F7ED

Monochromacy



Original Color
9AFFCD



Achromatopsia
DBDBDB



Achromatomaly
C3E8D6

CSS Examples

Text

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

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

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 #9AFFCD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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