

Converting Colors

Hex(9AFCC9)

Have a look what the booklet for
Hex(9AFCC9) contains.

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Color

Hex(9AFCC9)

Conversions

Conversions Part 1

Format	Color
Hex	9AFCC9
RGB	154, 252, 201
RGB Percent	60%, 99%, 79%
CMY	0.3961, 0.0118, 0.2118
CMYK	0.39, 0.00, 0.20, 0.01
HSL	149°, 94%, 80%
HSV	149°, 39%, 99%
XYZ	58.6794, 80.7079, 67.7438
YIQ	216.8840, -42.0370, -36.6370

Conversions

Conversions Part 2

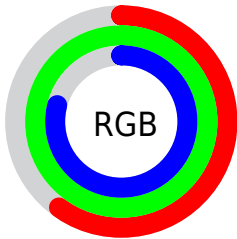
Format	Color
RYB	154, 220, 252
Decimal	10157257
CIELab	92.00, -39.78, 15.47
CIELCh	92, 42.679, 158.747
Yxy	80.7079, 0.2833, 0.3896
Android (android.graphics.Color)	4288347337 (0xFF9AFCC9)
YUV	216.8840, -7.8308, -55.1493
Hunter-Lab	89.8376, -40.6244, 18.1775

Details

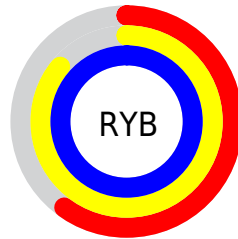
The Hex color **9AFCC9** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FC9ACD**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **D3FFFF**, and **62C393** is the 20% darker color. If you saturate the color by 10%, you get **81FCBC**, and if you desaturate by 10%, it is **B3FCD6**.

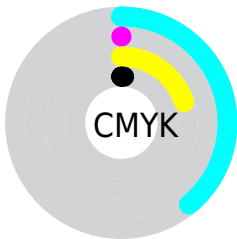
Distribution



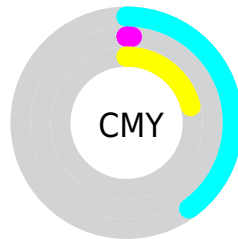
- Red (60%)
- Green (99%)
- Blue (79%)



- Red (60%)
- Yellow (86%)
- Blue (99%)



- Cyan (39%)
- Magenta (0%)
- Yellow (20%)
- Black (1%)



- Cyan (40%)
- Magenta (1%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AFCC9 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 9AFCC9 by changing the saturation by 10% instead.

 9AFCC9

 9AFCC9

FFFFFF

 7EDFAE

 D3FFFF

 62C393

 F1FFFF

 45A779

 268C60

 007248

 005932

 00411C

 002B04

 000D00

 9AFCC9

 9AFCC9

 81FCBC

 B3FCD6

 68FCAF

 CCFCE3

 4EFCA2

 E6FCF0

 35FC95

 FFFCFD

 1CFC87

 FFFCFF

 03FC7A

 00FC79

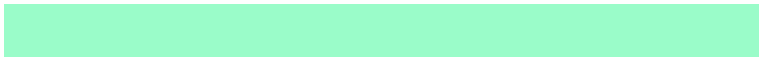
Harmonies

Analogous

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



CBF5A7



9AFCC9



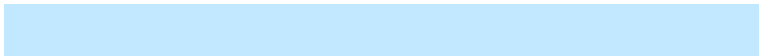
6AFEF3

Triad

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



9AFCC9



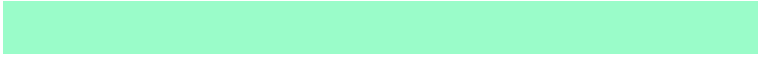
C2E8FF



FFCFB7

Complementary

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



9AFCC9



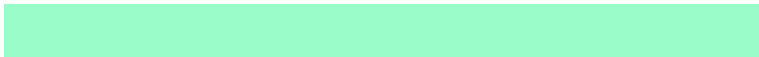
FC9ACD

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.



FFC9DD



9AFCC9



FDD9FF

Square

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



9AFCC9



82F4FF



FFCDFF



FFDB9C

Rectangle

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



9AFCC9



56DFF



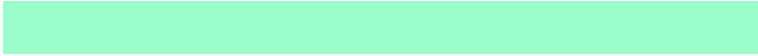
FFCDDF



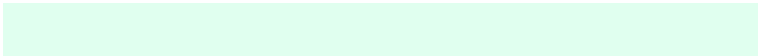
FFCC3

Sweetspot

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



9AFCC9



E0FFEF



CEFC9A



6E8076



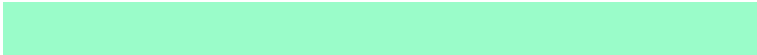
000000



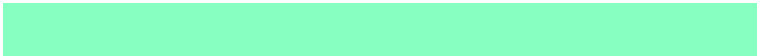
808080

Same Dimension

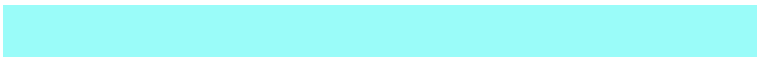
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9AFCC9



87FFC1



9AFCF9



707D76



00BD5A



003D1D

Inverse Universe

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



FC9ACD



FF87C6



FC9A9D



7D7077



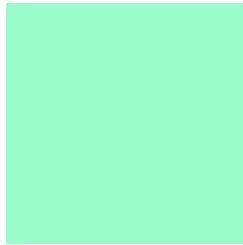
BD0062



3D0020

Previews

White Background



This preview shows how the Hex color 9AFCC9 looks on a white background.

Color Contrast Check

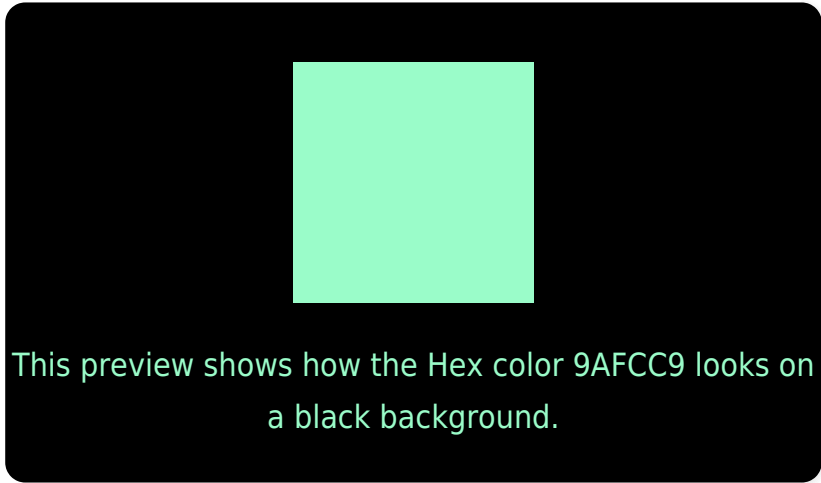
Large Text (above 18pt) WCAG AA × Fail

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

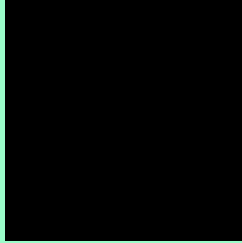
Any Text WCAG AA ✓ Pass

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 9AFCC9 Background



This preview shows how black text looks on a background with the Hex color 9AFCC9.



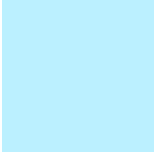
This preview shows how white text looks on a background with the Hex color 9AFCC9.

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

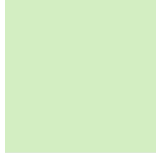




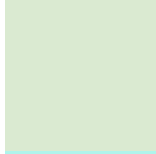
Trichromacy



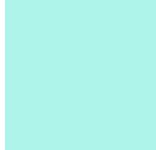
Original Color
9AFCC9



Protanomaly
D3EEC2

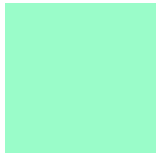


Deuteranomaly
DAEAD1

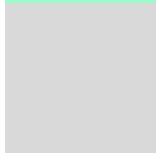


Tritanomaly
AFF4EB

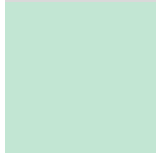
Monochromacy



Original Color
9AFCC9



Achromatopsia
D9D9D9



Achromatomaly
C2E6D3

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AFCC9 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 #9AFCC9 looks like.

```
.text, #text, p{  
    color:#9AFCC9  
}
```

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 #9AFCC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AFCC9
}
```

Border

The CSS property to change the border of an element to Hex 9AFCC9 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
#9AFCC9 }
```

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

```
.border{ border-color:#9AFCC9 }
```

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

Here you see how a box with a 4 pixel #9AFCC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AFCC9; -webkit-box-shadow:4px 4px  
4px 4px #9AFCC9; box-shadow:4px 4px 4px  
4px #9AFCC9 }
```

Background

The CSS property to change the background color of an element to Hex 9AFCC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AFCC9 }
```

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

```
.background{ background-color:#9AFCC9 }
```

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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