

# Converting Colors

Hex(A9FFD4)

Have a look what the booklet for  
Hex(A9FFD4) contains.

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# Color

**Hex(A9FFD4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9FFD4
RGB	169, 255, 212
RGB Percent	66%, 100%, 83%
CMY	0.3373, 0.0000, 0.1686
CMYK	0.34, 0.00, 0.17, 0.00
HSL	150°, 100%, 83%
HSV	150°, 34%, 100%
XYZ	64.0059, 84.7085, 75.2643
YIQ	224.3840, -37.4530, -31.6050

# Conversions

## Conversions Part 2

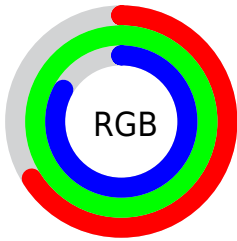
Format	Color
<a href="#">RYB</a>	<a href="#">169, 226, 255</a>
Decimal	<a href="#">11141076</a>
CIELab	<a href="#">93.76, -34.83, 12.40</a>
CIElCh	<a href="#">94, 36.975, 160.405</a>
Yxy	<a href="#">84.7085, 0.2858, 0.3782</a>
Android (android.graphics.Color)	<a href="#">4289331156 (0xFFA9FFD4)</a>
YUV	<a href="#">224.3840, -6.1053, -48.5718</a>
Hunter-Lab	<a href="#">92.0372, -36.9301, 15.9411</a>

# Details

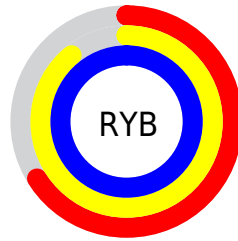
The Hex color **A9FFD4** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FFA9D4**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **E2FFFF**, and **72C69D** is the 20% darker color. If you saturate the color by 10%, you get **90FFC7**, and if you desaturate by 10%, it is **C3FFE1**.

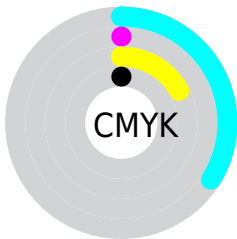
# Distribution



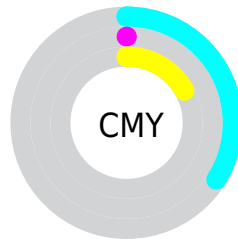
- Red (66%)
- Green (100%)
- Blue (83%)



- Red (66%)
- Yellow (89%)
- Blue (100%)



- Cyan (34%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (34%)
- Magenta (0%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9FFD4 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 A9FFD4 by changing the saturation by 10% instead.



 A9FFD4

 A9FFD4

FFFFFF

 8DE2B8

 E2FFFF

 72C69D

 56AA83

 3B8F6A

 1C7552

 005C3B

 004425

 002D10

 001600

 A9FFD4

 A9FFD4

 90FFC7

 C3FFE1

 76FFBB

 DCFEED

 5DFFAE

 F6FFFA

 43FFA1

FFFFFF

 2AFF94

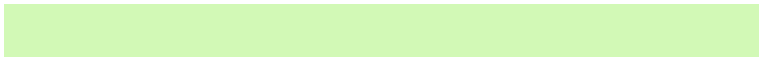
 10FF88

 00FF80

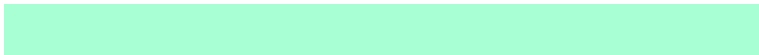
# Harmonies

## Analogous

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



D2F9B6



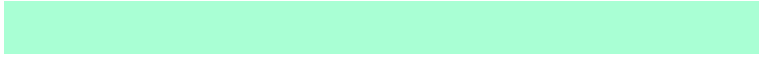
A9FFD4



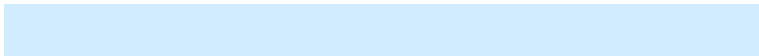
86FFF9

# Triad

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



A9FFD4



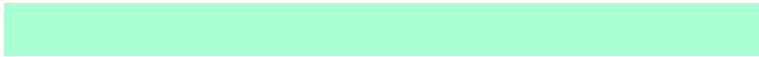
D1ECFF



FFD8C0

# Complementary

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



A9FFD4



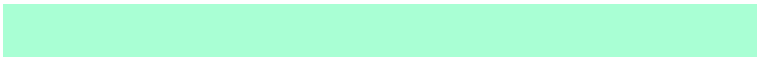
FFA9D4

# 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.



FFD3E2



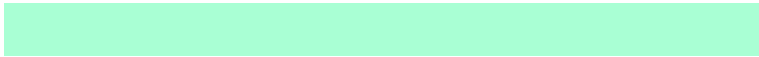
A9FFD4



FFE0FF

# Square

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



A9FFD4



9EF7FF



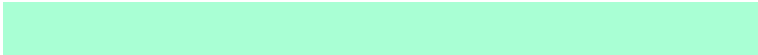
FFD6FF



FFE3AB

# Rectangle

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



A9FFD4



7DFFFF



FFD6FF

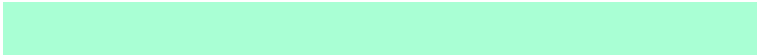


FFD5CB

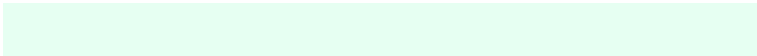


# Sweetspot

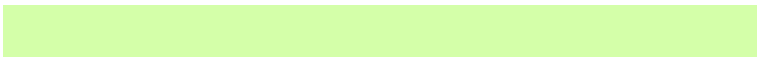
The Sweet Spot groups the original color and five complimentary colors.



A9FFD4



E6FFF2



D4FFA9



708078



000000

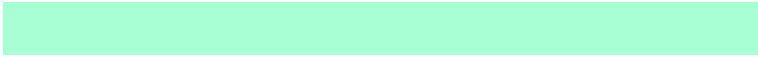


808080

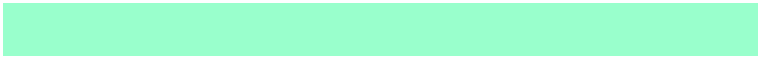


# Same Dimension

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



A9FFD4



99FFCC



A9FFFF



738079



00BF60



004020



# Inverse Universe

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



FFA9D4



FF99CC



FFA9A9



807379



BF0060

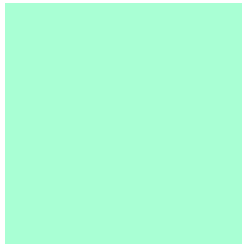


400020



# Previews

## White Background



This preview shows how the Hex color A9FFD4 looks on a white background.

## Color Contrast Check

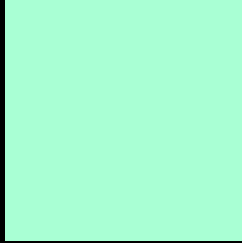
Large Text (above 18pt) WCAG AA × Fail

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 A9FFD4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

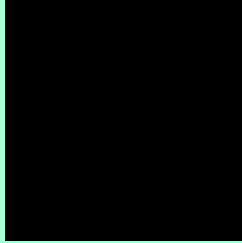
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A9FFD4 Background



This preview shows how black text looks on a background with the Hex color A9FFD4.

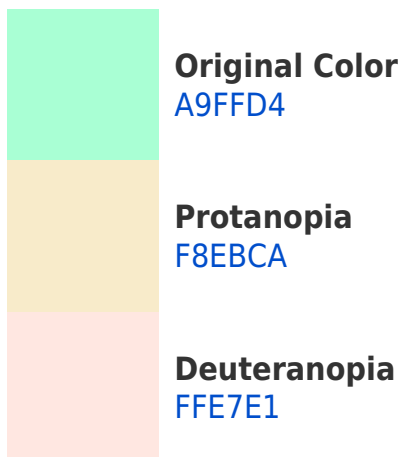


This preview shows how white text looks on a background with the Hex color A9FFD4.

# 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



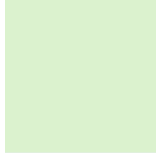


**Tritanopia**  
CEF3FF

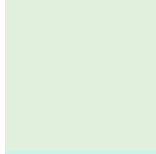
# Trichromacy



**Original Color**  
A9FFD4



**Protanomaly**  
DBF2CE

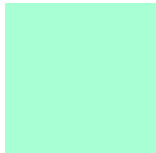


**Deuteranomaly**  
E0F0DC

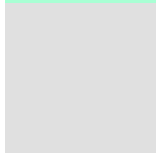


**Tritanomaly**  
C1F7EF

# Monochromacy



**Original Color**  
A9FFD4



**Achromatopsia**  
E0E0E0



**Achromatomaly**  
CCEBDC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9FFD4 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 #A9FFD4 looks like.

```
.text, #text, p{  
    color:#A9FFD4  
}
```

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 #A9FFD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9FFD4
}
```

## Border

The CSS property to change the border of an element to Hex A9FFD4 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
#A9FFD4 }
```

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

```
.border{ border-color:#A9FFD4 }
```

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

Here you see how a box with a 4 pixel #A9FFD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9FFD4; -webkit-box-shadow:4px 4px  
4px 4px #A9FFD4; box-shadow:4px 4px 4px  
4px #A9FFD4 }
```

# Background

The CSS property to change the background color of an element to Hex A9FFD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9FFD4 }
```

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

```
.background{ background-color:#A9FFD4 }
```

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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