

# Converting Colors

Hex(A9F7BD)

Have a look what the booklet for  
Hex(A9F7BD) contains.

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# **Color**

**Hex(A9F7BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9F7BD
RGB	169, 247, 189
RGB Percent	66%, 97%, 74%
CMY	0.3373, 0.0314, 0.2588
CMYK	0.32, 0.00, 0.23, 0.03
HSL	135°, 83%, 82%
HSV	135°, 32%, 97%
XYZ	58.8083, 78.6307, 60.2218
YIQ	217.0660, -27.8700, -34.5740

# Conversions

## Conversions Part 2

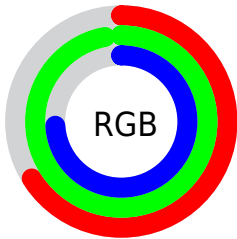
Format	Color
<a href="#">RYB</a>	<a href="#">169, 231, 247</a>
Decimal	<a href="#">11139005</a>
CIELab	<a href="#">91.07, -35.44, 20.43</a>
CIELCh	<a href="#">91, 40.903, 150.038</a>
Yxy	<a href="#">78.6307, 0.2975, 0.3978</a>
Android (android.graphics.Color)	<a href="#">4289329085 (0xFFA9F7BD)</a>
YUV	<a href="#">217.0660, -13.8365, -42.1539</a>
Hunter-Lab	<a href="#">88.6739, -36.7988, 21.8057</a>

# Details

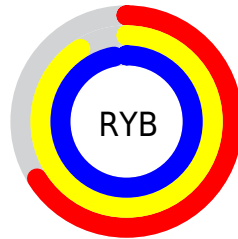
The Hex color **A9F7BD** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F7A9E3**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **E2FFF5**, and **72BE87** is the 20% darker color. If you saturate the color by 10%, you get **90F7AB**, and if you desaturate by 10%, it is **C2F7CF**.

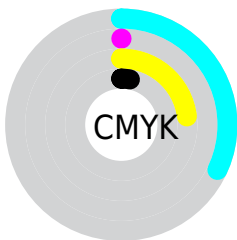
# Distribution



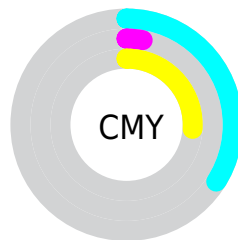
- Red (66%)
- Green (97%)
- Blue (74%)



- Red (66%)
- Yellow (91%)
- Blue (97%)



- Cyan (32%)
- Magenta (0%)
- Yellow (23%)
- Black (3%)



- Cyan (34%)
- Magenta (3%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9F7BD 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 A9F7BD by changing the saturation by 10% instead.



 A9F7BD

 A9F7BD

FFFFFF

 8DDAA2

 E2FFF5

 72BE87

 58A36E

 3D8855

 206E3E

 005627

 003E12

 002800

 000700

 A9F7BD

 A9F7BD

 90F7AB

 C2F7CF

 78F798

 DAF7E2

 5FF786

 F3F7F4

 46F774

 FFF7FF

 2EF761

 15F74F

 00F73F

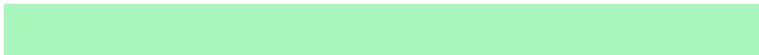
# Harmonies

## Analogous

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



D7EFA0



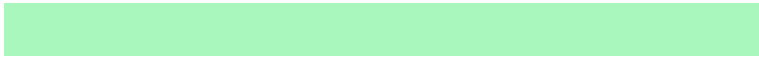
A9F7BD



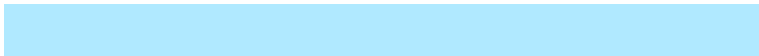
7BFBE4

# Triad

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



A9F7BD



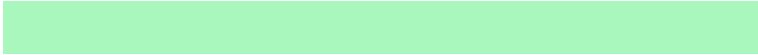
B0E9FF



FFCBC0

# Complementary

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



A9F7BD



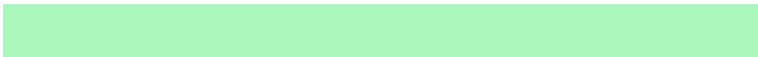
F7A9E3

# 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.



FFC8E7



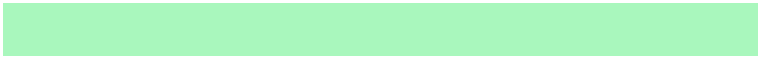
A9F7BD



EBDBFF

# Square

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



A9F7BD



76F4FF



FFCEFF



FFD6A3

# Rectangle

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



A9F7BD



63FBFF



FFCEFF

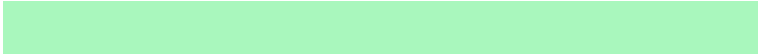


FFC9CC

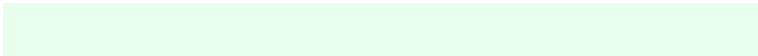


# Sweetspot

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



A9F7BD



E8FFEE



E3F7A9



718075



000000

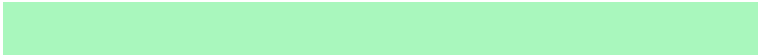


808080

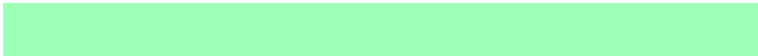


# Same Dimension

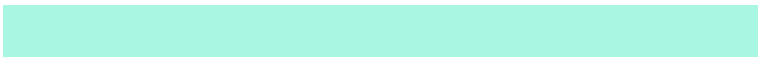
The Same Dimension uses a secret algorithm to generate beautiful new colors.



A9F7BD



9EFFB7



A9F7E3



6E7A71



00BA30



003B0F



# Inverse Universe

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



F7A9E3



FF9EE6



F7A9BC



7A6E77



BA008A

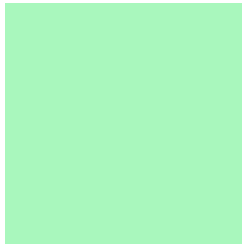


3B002C



# Previews

## White Background



This preview shows how the Hex color A9F7BD looks on a white background.

## Color Contrast Check

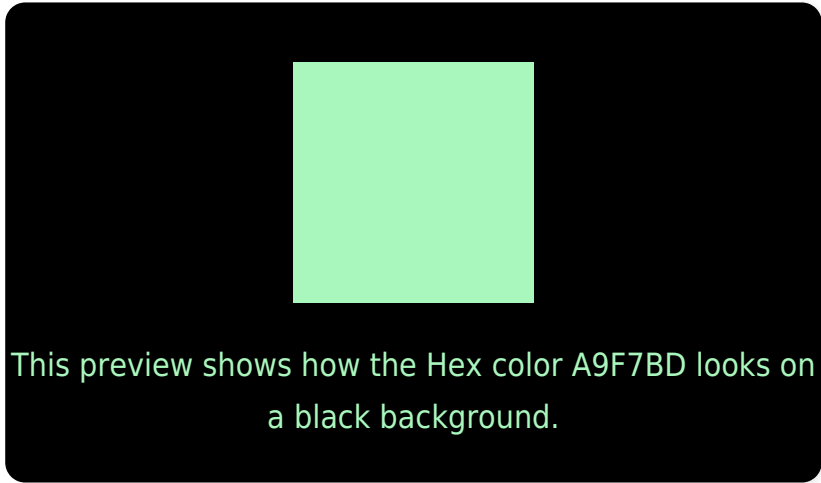
Large Text (above 18pt) WCAG AA × Fail

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 A9F7BD Background



This preview shows how black text looks on a background with the Hex color A9F7BD.

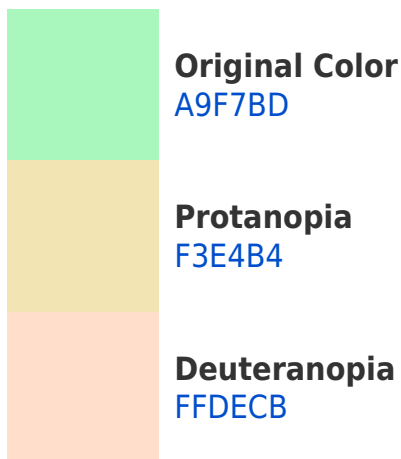


This preview shows how white text looks on a background with the Hex color A9F7BD.

# 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

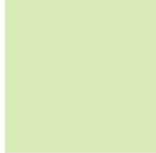




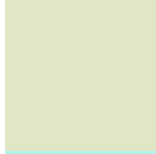
# Trichromacy



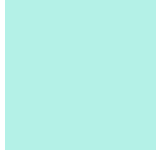
**Original Color**  
A9F7BD



**Protanomaly**  
D8EBB7

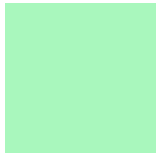


**Deuteranomaly**  
E0E7C6

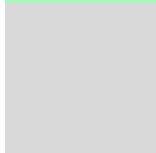


**Tritanomaly**  
B4F1E7

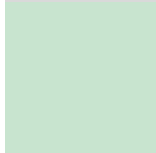
# Monochromacy



**Original Color**  
A9F7BD



**Achromatopsia**  
D9D9D9



**Achromatomaly**  
C8E4CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9F7BD 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 #A9F7BD looks like.

```
.text, #text, p{  
    color:#A9F7BD  
}
```

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 #A9F7BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9F7BD  
}
```

## Border

The CSS property to change the border of an element to Hex A9F7BD 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  
#A9F7BD }
```

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

```
.border{ border-color:#A9F7BD }
```

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

Here you see how a box with a 4 pixel #A9F7BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9F7BD; -webkit-box-shadow:4px 4px  
4px 4px #A9F7BD; box-shadow:4px 4px 4px  
4px #A9F7BD }
```

# Background

The CSS property to change the background color of an element to Hex A9F7BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9F7BD }
```

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

```
.background{ background-color:#A9F7BD }
```

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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