

# Converting Colors

Hex(A9CF7E)

Have a look what the booklet for  
Hex(A9CF7E) contains.

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# Color

**Hex(A9CF7E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A9CF7E
RGB	169, 207, 126
RGB Percent	66%, 81%, 49%
CMY	0.3373, 0.1882, 0.5059
CMYK	0.18, 0.00, 0.39, 0.19
HSL	88°, 46%, 65%
HSV	88°, 39%, 81%
XYZ	42.4409, 54.5670, 28.0343
YIQ	186.4040, 3.3530, -33.2470

# Conversions

## Conversions Part 2

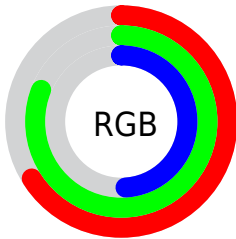
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">126, 207, 164</a>
Decimal	<a href="#">11128702</a>
CIELab	<a href="#">78.79, -26.42, 36.20</a>
CIELCh	<a href="#">79, 44.812, 126.121</a>
Yxy	<a href="#">54.5670, 0.3394, 0.4364</a>
Android (android.graphics.Color)	<a href="#">4289318782</a> ( <a href="#">0xFFA9CF7E</a> )
YUV	<a href="#">186.4040, -29.7792, -15.2633</a>
Hunter-Lab	<a href="#">73.8695, -26.7164, 29.2074</a>

# Details

The Hex color **A9CF7E** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A47ECF**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **E1FFB4**, and **73994B** is the 20% darker color. If you saturate the color by 10%, you get **9FCF69**, and if you desaturate by 10%, it is **B3CF93**.

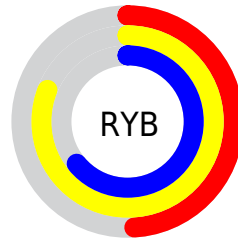
# Distribution



Red (66%)

Green (81%)

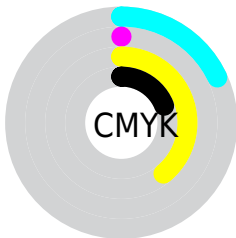
Blue (49%)



Red (49%)

Yellow (81%)

Blue (64%)

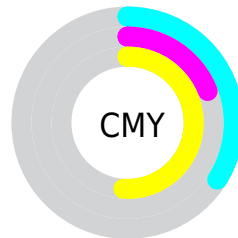


Cyan (18%)

Magenta (0%)

Yellow (39%)

Black (19%)



Cyan (34%)

Magenta (19%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9CF7E 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 A9CF7E by changing the saturation by 10% instead.



 A9CF7E

 A9CF7E

FFFFFF

 8EB364

 E1FFB4

 73994B

 FEFFCF

 5A7E33

 FFFFEC

 40651B

 284D00

 103600

 002100

 000000

 A9CF7E

 A9CF7E

 9FCF69

 B3CF93

 96CF55

 BCCFA7

 8CCF40

 C6CFBC

 82CF2B

 D0CFD1

 78CF17

 DACFE6

 6FCF02

 E3CFFA

 6ECF00

 EDCFFF

 F7CFFF

 FFCFFF

# Harmonies

## Analogous

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



D6C36F



A9CF7E



75D6A0

# Triad

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



A9CF7E



3ED0FF



FFA2BC

# Complementary

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



A9CF7E



A47ECF

# 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.



FEA7E6



A9CF7E



93C4FF

# Square

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



A9CF7E



00D7F3



D3B5FF



FFA894

# Rectangle

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



A9CF7E



4AD9BC



D3B5FF



FFA2CA

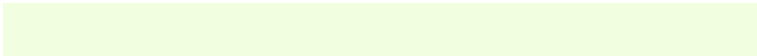


# Sweetspot

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



A9CF7E



F1FFE0



CFA47E



77806E



000000



808080

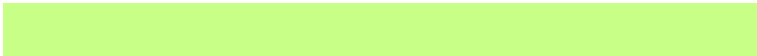


# Same Dimension

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



A9CF7E



C7FF87



81CF7E



64695E



59A800



162900



# Inverse Universe

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



A47ECF



BF87FF



CC7ECF



635E69



4F00A8



130029



# Previews

## White Background



This preview shows how the Hex color A9CF7E looks on a white background.

## Color Contrast Check

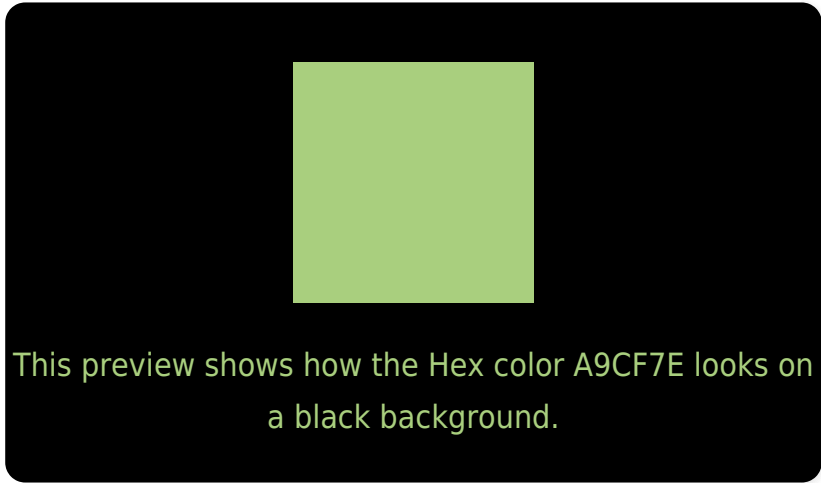
Large Text (above 18pt) WCAG AA × Fail

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

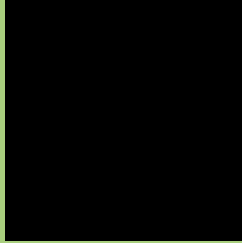
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A9CF7E Background



This preview shows how black text looks on a background with the Hex color A9CF7E.

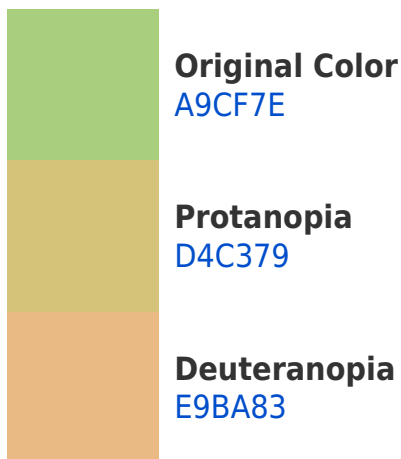


This preview shows how white text looks on a background with the Hex color A9CF7E.

# 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**  
B5C5D4

# Trichromacy



**Original Color**  
A9CF7E

**Protanomaly**  
C4C77B

**Deuteranomaly**  
D2C281

**Tritanomaly**  
B1C9B5

# Monochromacy



**Original Color**  
A9CF7E

**Achromatopsia**  
BABABA

**Achromatomaly**  
B4C2A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9CF7E 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 #A9CF7E looks like.

```
.text, #text, p{  
    color:#A9CF7E  
}
```

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 #A9CF7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9CF7E
}
```

## Border

The CSS property to change the border of an element to Hex A9CF7E 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
#A9CF7E }
```

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

```
.border{ border-color:#A9CF7E }
```

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

Here you see how a box with a 4 pixel #A9CF7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9CF7E; -webkit-box-shadow:4px 4px  
4px 4px #A9CF7E; box-shadow:4px 4px 4px  
4px #A9CF7E }
```

# Background

The CSS property to change the background color of an element to Hex A9CF7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9CF7E }
```

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

```
.background{ background-color:#A9CF7E }
```

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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