

# Converting Colors

Hex(AACF7F)

Have a look what the booklet for  
Hex(AACF7F) contains.

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# **Color**

**Hex(AACF7F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AACF7F
RGB	170, 207, 127
RGB Percent	67%, 81%, 50%
CMY	0.3333, 0.1882, 0.5020
CMYK	0.18, 0.00, 0.39, 0.19
HSL	88°, 45%, 65%
HSV	88°, 39%, 81%
XYZ	42.7212, 54.7040, 28.3860
YIQ	186.8170, 3.6280, -32.7240

# Conversions

## Conversions Part 2

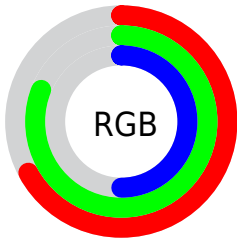
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">127, 207, 164</a>
Decimal	<a href="#">11194239</a>
CIELab	<a href="#">78.87, -25.92, 35.80</a>
CIELCh	<a href="#">79, 44.202, 125.901</a>
Yxy	<a href="#">54.7040, 0.3396, 0.4348</a>
Android (android.graphics.Color)	<a href="#">4289384319 (0xFFAACF7F)</a>
YUV	<a href="#">186.8170, -29.4898, -14.7485</a>
Hunter-Lab	<a href="#">73.9622, -26.3307, 29.0186</a>

# Details

The Hex color **AACF7F** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A47FCF**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **E2FFB5**, and **74994C** is the 20% darker color. If you saturate the color by 10%, you get **A0CF6A**, and if you desaturate by 10%, it is **B4CF94**.

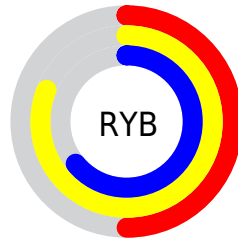
# Distribution



Red (67%)

Green (81%)

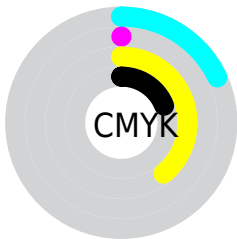
Blue (50%)



Red (50%)

Yellow (81%)

Blue (64%)

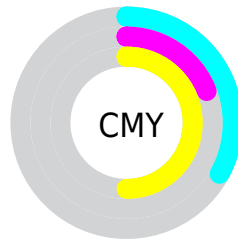


Cyan (18%)

Magenta (0%)

Yellow (39%)

Black (19%)



Cyan (33%)

Magenta (19%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AACF7F 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 AACF7F by changing the saturation by 10% instead.





AACF7F



AACF7F

FFFFFF



8FB365



E2FFB5



74994C



FFFFD1



5B7E34



FFFFED



41651C



294D02



113600



002100



000000



AACF7F



AACF7F

 A0CF6A

 B4CF94

 97CF56

 BDCFA8

 8DCF41


 C7CFBD

 84CF2C

 D0CFD2

 7ACF17

 DACFE7

 71CF03

 E3CFFB

 6FCF00

 EDCFFF

 F7CFFF

 FFCFFF

# Harmonies

## Analogous

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



D6C370



AACF7F



77D6A0

# Triad

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



AACF7F



42D0FF



FFA3BD

# Complementary

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



AACF7F



A47FCF

# Split Complementary

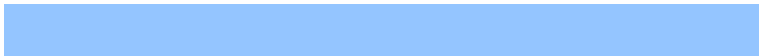
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FEA8E6



AACF7F



94C5FF

# Square

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



AACF7F



00D7F2



D2B6FF



FFA895

# Rectangle

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



AACF7F



4ED9BC



D2B6FF



FFA3CB

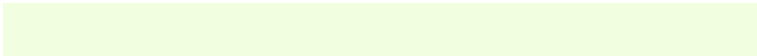


# Sweetspot

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



AACF7F



F1FFE0



CFA37F



77806E



000000



808080



# Same Dimension

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



AACF7F



C9FF8A



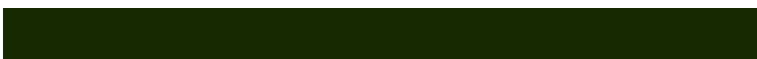
83CF7F



64695E



5AA800



162900



# Inverse Universe

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



A47FCF



C08AFF



CB7FCF



635E69



4E00A8



130029



# Previews

## White Background



This preview shows how the Hex color AACF7F looks on a white background.

## Color Contrast Check

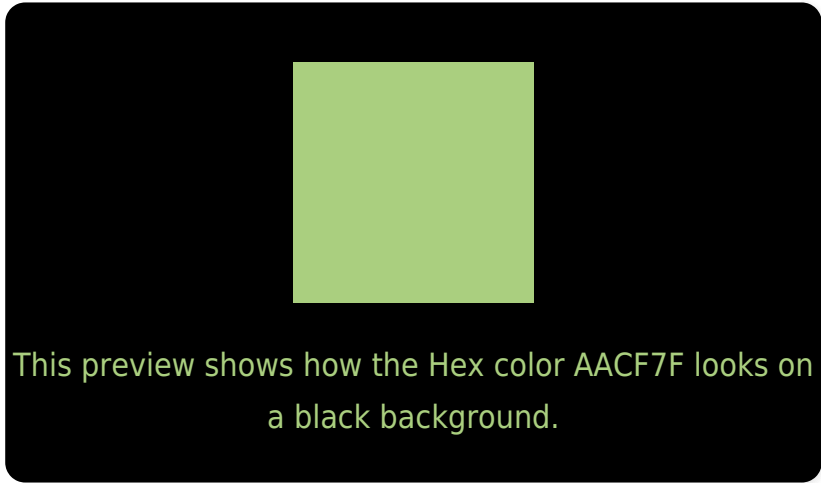
Large Text (above 18pt) WCAG AA × Fail

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

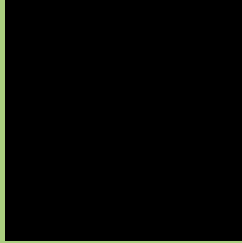
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AACF7F Background



This preview shows how black text looks on a background with the Hex color AACF7F.

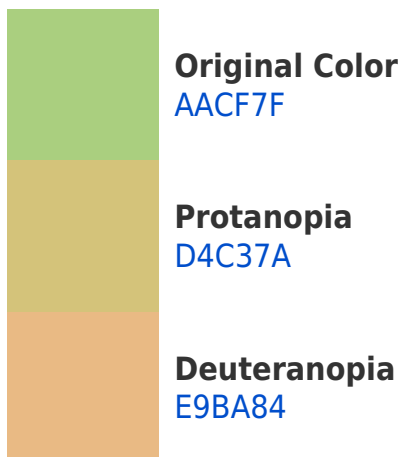


This preview shows how white text looks on a background with the Hex color AACF7F.

# 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](#).

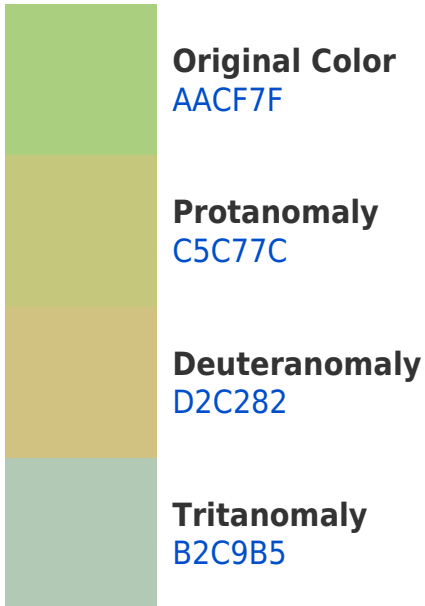
## Dichromacy



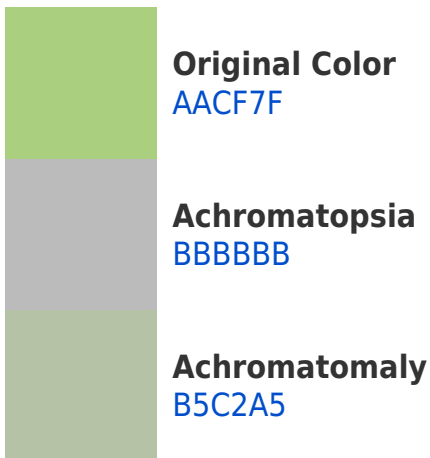


**Tritanopia**  
B6C5D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AACF7F 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 #AACF7F looks like.

```
.text, #text, p{  
    color:#AACF7F  
}
```

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 #AACF7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AACF7F
}
```

## Border

The CSS property to change the border of an element to Hex AACF7F 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
#AACF7F }
```

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

```
.border{ border-color:#AACF7F }
```

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

Here you see how a box with a 4 pixel #AACF7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AACF7F; -webkit-box-shadow:4px 4px  
4px 4px #AACF7F; box-shadow:4px 4px 4px  
4px #AACF7F }
```

# Background

The CSS property to change the background color of an element to Hex AACF7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AACF7F }
```

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

```
.background{ background-color:#AACF7F }
```

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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