

# Converting Colors

Hex(9ACA78)

Have a look what the booklet for  
Hex(9ACA78) contains.

<b>Hex(9ACA78)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9ACA78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9ACA78
RGB	154, 202, 120
RGB Percent	60%, 79%, 47%
CMY	0.3961, 0.2078, 0.5294
CMYK	0.24, 0.00, 0.41, 0.21
HSL	95°, 44%, 63%
HSV	95°, 41%, 79%
XYZ	37.8371, 50.4672, 25.5162
YIQ	178.3000, -2.2860, -35.6780

# Conversions

## Conversions Part 2

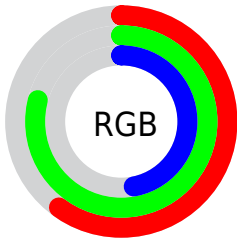
Format	Color
<a href="#">RYB</a>	<a href="#">120, 202, 168</a>
Decimal	<a href="#">10144376</a>
CIELab	<a href="#">76.36, -30.27, 35.93</a>
CIELCh	<a href="#">76, 46.977, 130.112</a>
Yxy	<a href="#">50.4672, 0.3324, 0.4434</a>
Android (android.graphics.Color)	<a href="#">4288334456 (0xFF9ACA78)</a>
YUV	<a href="#">178.3000, -28.7419, -21.3111</a>
Hunter-Lab	<a href="#">71.0402, -29.2486, 28.4324</a>

# Details

The Hex color **9ACA78** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A878CA**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **D2FFAD**, and **659446** is the 20% darker color. If you saturate the color by 10%, you get **8ECA64**, and if you desaturate by 10%, it is **A6CA8C**.

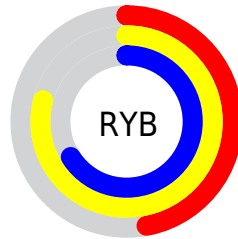
# Distribution



Red (60%)

Green (79%)

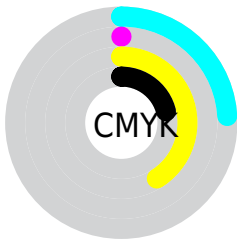
Blue (47%)



Red (47%)

Yellow (79%)

Blue (66%)

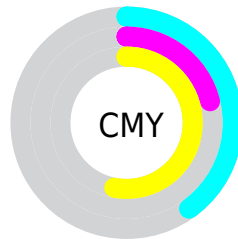


Cyan (24%)

Magenta (0%)

Yellow (41%)

Black (21%)



Cyan (40%)

Magenta (21%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9ACA78 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 9ACA78 by changing the saturation by 10% instead.





9ACA78



9ACA78

FFFFFF



7FAE5E



D2FFAD



659446



EFFFC9



4B7A2E



FFFFE5



326115



184800



003100



001E00



000000



9ACA78



9ACA78

 8ECA64

 A6CA8C

 82CA50

 B2CAA0

 77CA3B

 BDCAB5

 6BCA27

 C9CAC9

 5FCA13

 D5CADD

 54CA00

 E1CAF1

 EDCAFF

 F9CAFF

 FFCAFF

# Harmonies

## Analogous

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



C9BF65



9ACA78



60D19D

# Triad

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



9ACA78



2EC9FF



FF99AF

# Complementary

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



9ACA78



A878CA

# 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.



FE9EDB



9ACA78



92BCFF

# Square

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



9ACA78



00D1F3



D4ABFF



FFA186

# Rectangle

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



9ACA78



22D3BB



D4ABFF



FF99BE

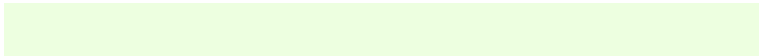


# Sweetspot

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



9ACA78



EDFFE0



CAA878



75806E



000000



808080

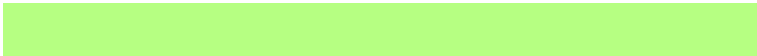


# Same Dimension

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



9ACA78



B6FF82



78CA7F



60665C



45A600



102600



# Inverse Universe

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



A878CA



CB82FF



CA78C3



625C66



6100A6



160026



# Previews

## White Background



This preview shows how the Hex color 9ACA78 looks on a white background.

## Color Contrast Check

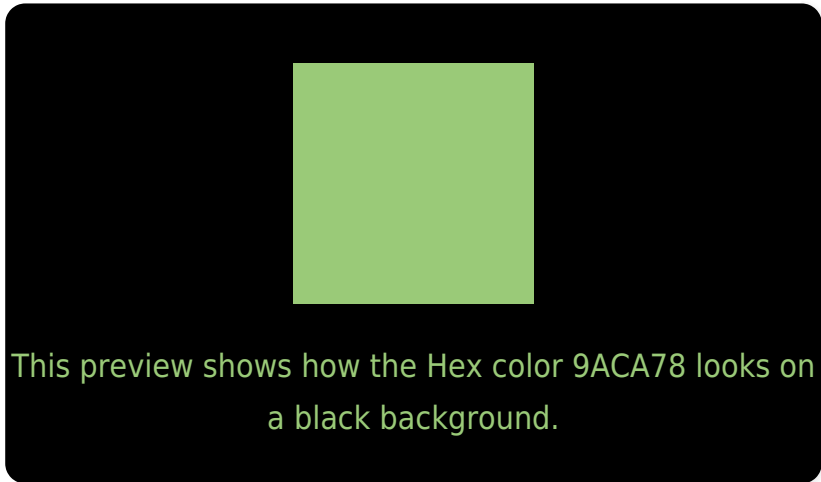
Large Text (above 18pt) WCAG AA × Fail

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 9ACA78 Background



This preview shows how black text looks on a background with the Hex color 9ACA78.

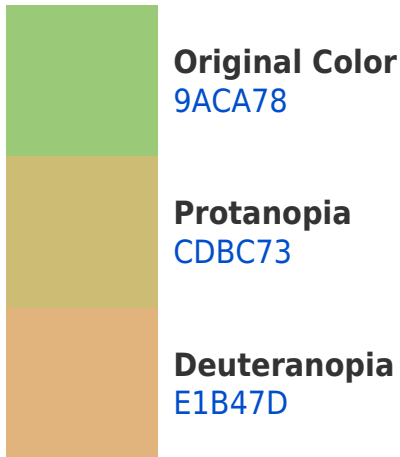


This preview shows how white text looks on a background with the Hex color 9ACA78.

# 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**  
9ACA78

**Protanomaly**  
BAC175

**Deuteranomaly**  
C7BC7B

**Tritanomaly**  
A2C4AF

# Monochromacy



**Original Color**  
9ACA78

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
A9BB9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9ACA78 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 #9ACA78 looks like.

```
.text, #text, p{  
    color:#9ACA78  
}
```

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 #9ACA78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ACA78
}
```

## Border

The CSS property to change the border of an element to Hex 9ACA78 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
#9ACA78 }
```

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

```
.border{ border-color:#9ACA78 }
```

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

Here you see how a box with a 4 pixel #9ACA78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ACA78; -webkit-box-shadow:4px 4px  
4px 4px #9ACA78; box-shadow:4px 4px 4px  
4px #9ACA78 }
```

# Background

The CSS property to change the background color of an element to Hex 9ACA78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ACA78 }
```

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

```
.background{ background-color:#9ACA78 }
```

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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