

# Converting Colors

Hex(9ECA81)

Have a look what the booklet for  
Hex(9ECA81) contains.

<b>Hex(9ECA81)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(9ECA81)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9ECA81
RGB	158, 202, 129
RGB Percent	62%, 79%, 51%
CMY	0.3804, 0.2078, 0.4941
CMYK	0.22, 0.00, 0.36, 0.21
HSL	96°, 41%, 65%
HSV	96°, 36%, 79%
XYZ	39.1835, 51.0951, 28.5660
YIQ	180.5220, -2.7910, -32.0310

# Conversions

## Conversions Part 2

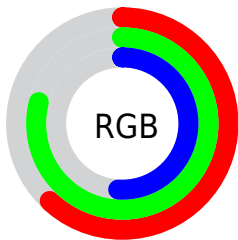
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">129, 202, 173</a>
Decimal	<a href="#">10406529</a>
CIELab	<a href="#">76.74, -27.60, 31.86</a>
CIELCh	<a href="#">77, 42.149, 130.905</a>
Yxy	<a href="#">51.0951, 0.3297, 0.4299</a>
Android (android.graphics.Color)	<a href="#">4288596609 (0xFF9ECA81)</a>
YUV	<a href="#">180.5220, -25.4003, -19.7518</a>
Hunter-Lab	<a href="#">71.4809, -27.2435, 26.3424</a>

# Details

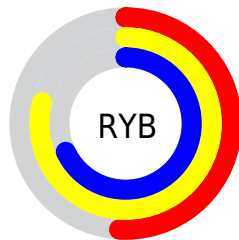
The Hex color **9ECA81** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AD81CA**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **D6FFB7**, and **69944F** is the 20% darker color. If you saturate the color by 10%, you get **92CA6D**, and if you desaturate by 10%, it is **AACA95**.

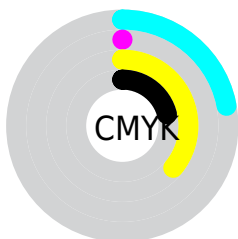
# Distribution



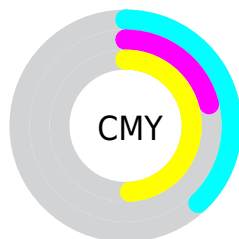
- Red (62%)
- Green (79%)
- Blue (51%)



- Red (51%)
- Yellow (79%)
- Blue (68%)



- Cyan (22%)
- Magenta (0%)
- Yellow (36%)
- Black (21%)



- Cyan (38%)
- Magenta (21%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9ECA81 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 9ECA81 by changing the saturation by 10% instead.



 9ECA81

 9ECA81

FFFFFF

 83AE67

 D6FFB7

 69944F

 F2FFD2

 507A37

 FFFFEF

 37611F

 1E4906

 053200

 001F00

 000000

 9ECA81

 9ECA81

 92CA6D

 AACAA95

 86CA59

 B6CAA9

 79CA44

 C3CABE

 6DCA30

 CFCAD2

 61CA1C

 DBCAE6

 55CA08

 E7CAFA

 50CA00

 F3CAFF

 FFCAFF

# Harmonies

## Analogous

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



C9C070



9ECA81



6DD0A3

# Triad

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



9ECA81



55C8FF



FF9FB0

# Complementary

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



9ECA81



AD81CA

# 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.



FAA2D8



9ECA81



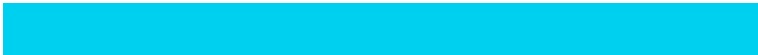
9CBCFF

# Square

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



9ECA81



00D0EF



D4AEF9



FFA68C

# Rectangle

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



9ECA81



45D2BD



D4AEF9



FF9FBE



# Sweetspot

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



9ECA81



EEFFE3



CAAD81



76806F



000000



808080

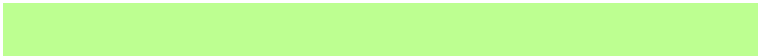


# Same Dimension

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



9ECA81



BDF91



81CA88



60665C



42A600



0F2600



# Inverse Universe

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



AD81CA



D391FF



CA81C3



625C66



6400A6



170026



# Previews

## White Background



This preview shows how the Hex color 9ECA81 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 9ECA81 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 9ECA81 Background



This preview shows how black text looks on a background with the Hex color 9ECA81.

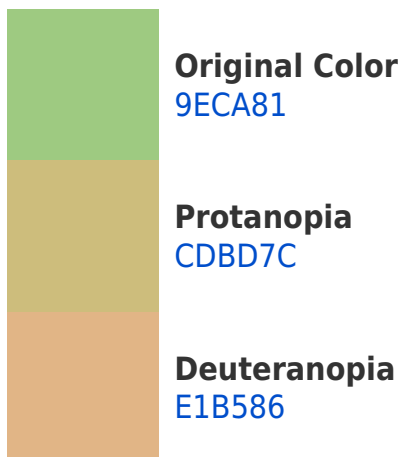


This preview shows how white text looks on a background with the Hex color 9ECA81.

# Color Blindness Simulation

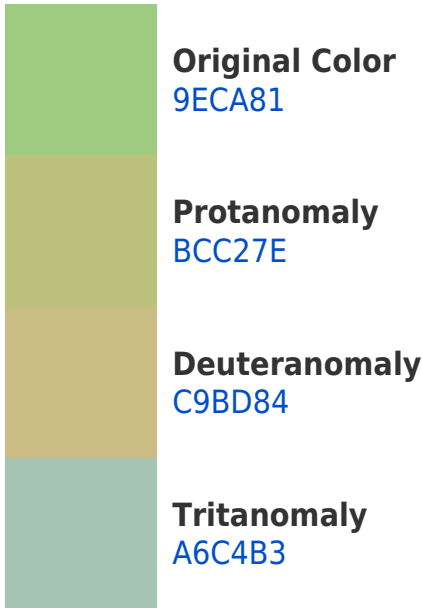
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

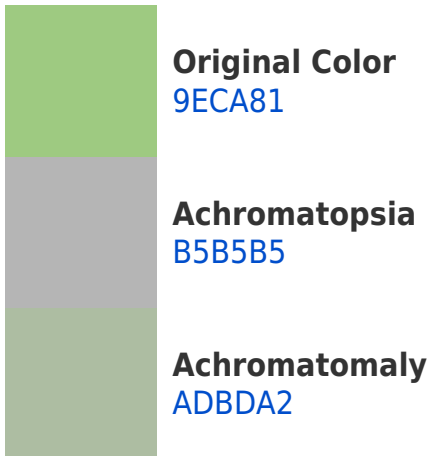




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9ECA81 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 #9ECA81 looks like.

```
.text, #text, p{  
    color:#9ECA81  
}
```

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 #9ECA81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ECA81
}
```

## Border

The CSS property to change the border of an element to Hex 9ECA81 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
#9ECA81 }
```

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

```
.border{ border-color:#9ECA81 }
```

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

Here you see how a box with a 4 pixel #9ECA81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ECA81; -webkit-box-shadow:4px 4px  
4px 4px #9ECA81; box-shadow:4px 4px 4px  
4px #9ECA81 }
```

# Background

The CSS property to change the background color of an element to Hex 9ECA81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ECA81 }
```

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

```
.background{ background-color:#9ECA81 }
```

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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