

# Converting Colors

Hex(9EC988)

Have a look what the booklet for  
Hex(9EC988) contains.

|  |    |
|--|----|
| <b>Hex(9EC988)</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(9EC988)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 9EC988                      |
| RGB         | 158, 201, 136               |
| RGB Percent | 62%, 79%, 53%               |
| CMY         | 0.3804, 0.2118, 0.4667      |
| CMYK        | 0.21, 0.00, 0.32, 0.21      |
| HSL         | 100°, 38%, 66%              |
| HSV         | 100°, 32%, 79%              |
| XYZ         | 39.4311, 50.8200, 31.0235   |
| YIQ         | 180.7330, -4.7630, -29.3310 |

# Conversions

## Conversions Part 2

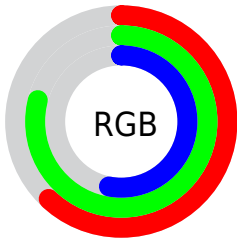
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 136, 201, 179                   |
| Decimal                             | 10406280                        |
| CIELab                              | 76.57, -26.10, 28.00            |
| CIELCh                              | 77, 38.275, 132.989             |
| Yxy                                 | 50.8200, 0.3251,<br>0.4190      |
| Android<br>(android.graphics.Color) | 4288596360<br>(0xFF9EC988)      |
| YUV                                 | 180.7330, -22.0534,<br>-19.9368 |
| Hunter-Lab                          | 71.2881, -26.0217,<br>24.0995   |

# Details

The Hex color **9EC988** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B388C9**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **D5FFBE**, and **699355** is the 20% darker color. If you saturate the color by 10%, you get **91C974**, and if you desaturate by 10%, it is **ABC99C**.

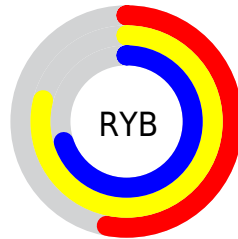
# Distribution



Red (62%)

Green (79%)

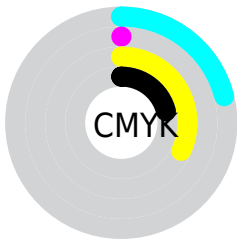
Blue (53%)



Red (53%)

Yellow (79%)

Blue (70%)

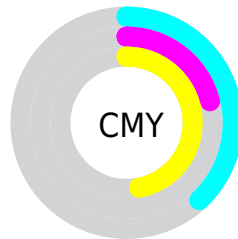


Cyan (21%)

Magenta (0%)

Yellow (32%)

Black (21%)



Cyan (38%)

Magenta (21%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EC988 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 9EC988 by changing the saturation by 10% instead.





9EC988



9EC988

FFFFFF



83AE6E



D5FFBE



699355



F2FFDA



50793E



FFFFF6



376026



1F4810



083100



001E00



000000



9EC988



9EC988

 91C974

 ABC99C

 83C960

 B9C9B0

 76C94C

 C6C9C4

 69C938

 D3C9D8

 5CC924

 E0C9ED

 4EC90F

 EEC9FF

 44C900

 FBC9FF

 FFC9FF

# Harmonies

## Analogous

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



C5C077



9EC988



72CFA7

# Triad

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



9EC988



6AC6FF



FFA2AF

# Complementary

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



9EC988



B388C9

# 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.



F6A4D3



9EC988



A4BBFF

# Square

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



9EC988



3ACDEC



D5AEF1



FCA88E

# Rectangle

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



9EC988



54D0BF



D5AEF1



FFA2BB



# Sweetspot

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



9EC988



EEFFE6



C9B288



758070



000000



808080

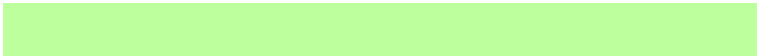


# Same Dimension

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



9EC988



BDF99C



88C992



5D635A



37A300



0C2400



# Inverse Universe

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



B388C9



DD9CFF



C988BF



605A63



6C00A3



180024



# Previews

## White Background



This preview shows how the Hex color 9EC988 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 9EC988 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

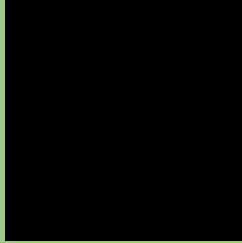
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9EC988 Background



This preview shows how black text looks on a background with the Hex color 9EC988.

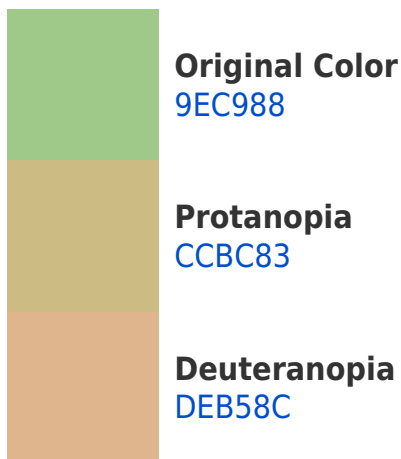


This preview shows how white text looks on a background with the Hex color 9EC988.

# 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](#).

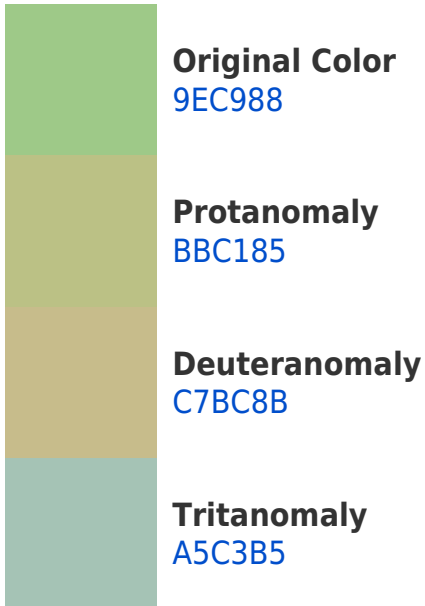
## Dichromacy



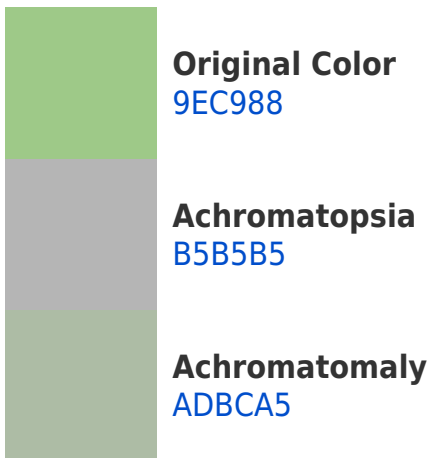


**Tritanopia**  
A9C0CF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EC988 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 #9EC988 looks like.

```
.text, #text, p{  
    color:#9EC988  
}
```

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 #9EC988 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EC988
}
```

## Border

The CSS property to change the border of an element to Hex 9EC988 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
#9EC988 }
```

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

```
.border{ border-color:#9EC988 }
```

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

Here you see how a box with a 4 pixel #9EC988 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EC988; -webkit-box-shadow:4px 4px  
4px 4px #9EC988; box-shadow:4px 4px 4px  
4px #9EC988 }
```

# Background

The CSS property to change the background color of an element to Hex 9EC988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EC988 }
```

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

```
.background{ background-color:#9EC988 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor