

# Converting Colors

Hex(9EBC8A)

Have a look what the booklet for  
Hex(9EBC8A) contains.

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# **Color**

**Hex(9EBC8A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9EBC8A
RGB	158, 188, 138
RGB Percent	62%, 74%, 54%
CMY	0.3804, 0.2627, 0.4588
CMYK	0.16, 0.00, 0.27, 0.26
HSL	96°, 27%, 64%
HSV	96°, 27%, 74%
XYZ	36.6712, 45.0705, 30.8115
YIQ	173.3300, -1.8300, -21.9100

# Conversions

## Conversions Part 2

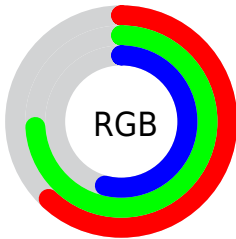
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">138, 188, 168</a>
Decimal	<a href="#">10402954</a>
CIELab	<a href="#">72.94, -19.36, 22.04</a>
CIELCh	<a href="#">73, 29.331, 131.295</a>
Yxy	<a href="#">45.0705, 0.3258, 0.4004</a>
Android (android.graphics.Color)	<a href="#">4288593034 (0xFF9EBC8A)</a>
YUV	<a href="#">173.3300, -17.4177, -13.4444</a>
Hunter-Lab	<a href="#">67.1346, -19.9827, 19.7830</a>

# Details

The Hex color **9EBC8A** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A88ABC**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **D5F4C0**, and **6A8758** is the 20% darker color. If you saturate the color by 10%, you get **93BC77**, and if you desaturate by 10%, it is **A9BC9D**.

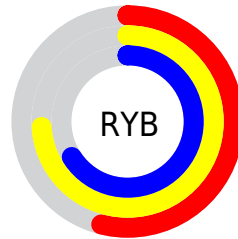
# Distribution



Red (62%)

Green (74%)

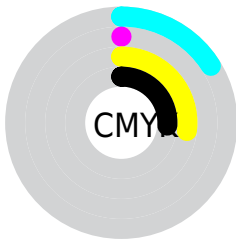
Blue (54%)



Red (54%)

Yellow (74%)

Blue (66%)

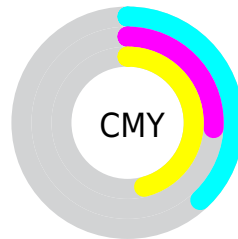


Cyan (16%)

Magenta (0%)

Yellow (27%)

Black (26%)



Cyan (38%)

Magenta (26%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EBC8A 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 9EBC8A by changing the saturation by 10% instead.





9EBC8A



9EBC8A

FFFFFF



84A170



D5F4C0



6A8758



F2FFDC



516D40



FFFFFF8



395529



223D14



0F2700



001200



000000



9EBC8A



9EBC8A

 93BC77

 A9BC9D

 87BC64

 B5BCB0

 7CBC52

 C0BCC2

 71BC3F

 CBBCD5

 66BC2C

 D6BCE8

 5ABC19

 E2BCFB

 4FBC06

 EDBCFF

 4BBC00

 F8BCFF

 FFBCFF

# Harmonies

## Analogous

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



BCB57E



9EBC8A



7FC1A1

# Triad

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



9EBC8A



79BAE5



E99FAA

# Complementary

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



9EBC8A



A88ABC

# 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.



DEA1C5



9EBC8A



9FB2E7

# Square

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



9EBC8A



61C0D6



C4A9DB



E5A391

# Rectangle

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



9EBC8A



6DC2B3



C4A9DB



E79FB3



# Sweetspot

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



9EBC8A



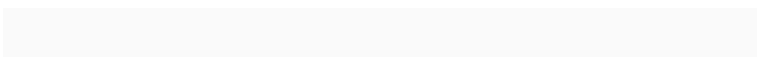
E9F5E1



BCA88A



737A6E



FAFAFA



7A7A7A

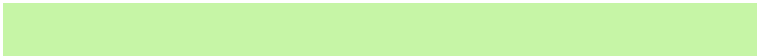


# Same Dimension

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



9EBC8A



C6F5A6



8ABC8E



595E55



3F9E00



0C1F00



# Inverse Universe

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



A88ABC



D5A6F5



BC8AB7



5B555E



5F009E



12001F



# Previews

## White Background



This preview shows how the Hex color 9EBC8A looks on a white background.

## Color Contrast Check

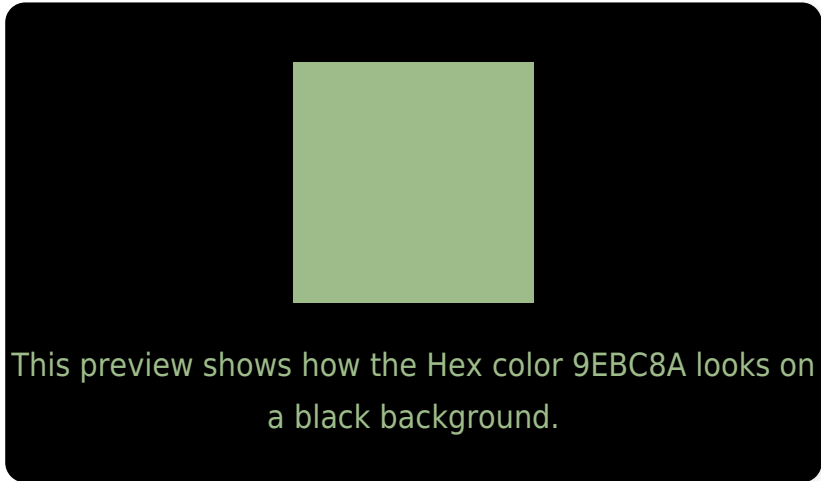
Large Text (above 18pt) WCAG AA × Fail

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

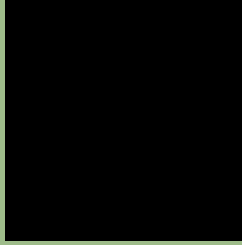
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9EBC8A Background



This preview shows how black text looks on a background with the Hex color 9EBC8A.

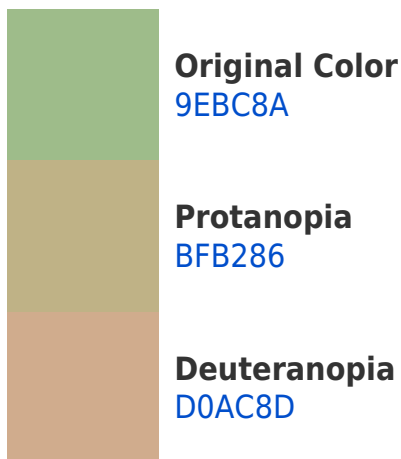


This preview shows how white text looks on a background with the Hex color 9EBC8A.

# 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



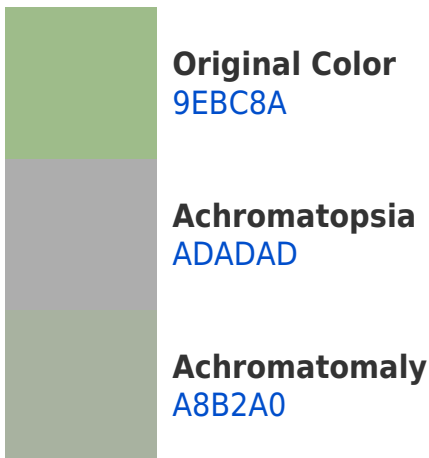


**Tritanopia**  
A7B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EBC8A 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 #9EBC8A looks like.

```
.text, #text, p{  
    color:#9EBC8A  
}
```

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 #9EBC8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EBC8A
}
```

## Border

The CSS property to change the border of an element to Hex 9EBC8A 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
#9EBC8A }
```

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

```
.border{ border-color:#9EBC8A }
```

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

Here you see how a box with a 4 pixel #9EBC8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EBC8A; -webkit-box-shadow:4px 4px  
4px 4px #9EBC8A; box-shadow:4px 4px 4px  
4px #9EBC8A }
```

# Background

The CSS property to change the background color of an element to Hex 9EBC8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EBC8A }
```

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

```
.background{ background-color:#9EBC8A }
```

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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