

# Converting Colors

Hex(9EBC8F)

Have a look what the booklet for  
Hex(9EBC8F) contains.

<b>Hex(9EBC8F)</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(9EBC8F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9EBC8F
RGB	158, 188, 143
RGB Percent	62%, 74%, 56%
CMY	0.3804, 0.2627, 0.4392
CMYK	0.16, 0.00, 0.24, 0.26
HSL	100°, 25%, 65%
HSV	100°, 24%, 74%
XYZ	37.0417, 45.2187, 32.7624
YIQ	173.9000, -3.4350, -20.3550

# Conversions

## Conversions Part 2

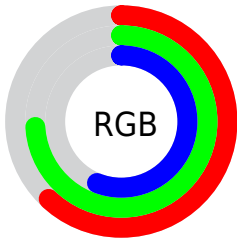
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">143, 188, 173</a>
Decimal	<a href="#">10402959</a>
<a href="#">CIELab</a>	<a href="#">73.04, -18.55, 19.49</a>
<a href="#">CIELCh</a>	<a href="#">73, 26.910, 133.592</a>
<a href="#">Yxy</a>	<a href="#">45.2187, 0.3220, 0.3931</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4288593039 (0xFF9EBC8F)</a>
<a href="#">YUV</a>	<a href="#">173.9000, -15.2337, -13.9443</a>
<a href="#">Hunter-Lab</a>	<a href="#">67.2449, -19.3521, 18.1847</a>

# Details

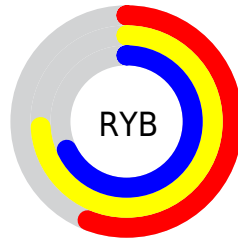
The Hex color **9EBC8F** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AD8FBC**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **D5F4C5**, and **6A875C** is the 20% darker color. If you saturate the color by 10%, you get **91BC7C**, and if you desaturate by 10%, it is **ABBCA2**.

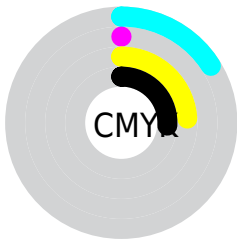
# Distribution



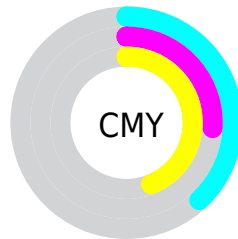
- Red (62%)
- Green (74%)
- Blue (56%)



- Red (56%)
- Yellow (74%)
- Blue (68%)



- Cyan (16%)
- Magenta (0%)
- Yellow (24%)
- Black (26%)



- Cyan (38%)
- Magenta (26%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EBC8F 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 9EBC8F by changing the saturation by 10% instead.



 9EBC8F

 9EBC8F

FFFFFF

 84A175

 D5F4C5

 6A875C

 F2FFE1

 516D45

FFFFFFE

 3A552E

 233D18

 0F2700

 001300

 000000

 9EBC8F

 9EBC8F

 91BC7C

 ABBCA2

 85BC69

 B7BCB5

 78BC57

 C4BCC7

 6CBC44

 D0BCDA

 5FBC31

 DDBCED

 53BC1E

 E9BCFF

 46BC0B

 F6BCFF

 3FBC00

 FFBCFF

# Harmonies

## Analogous

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



BAB583



9EBC8F



82C0A5

# Triad

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



9EBC8F



83BAE2



E5A1A9

# Complementary

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



9EBC8F



AD8FBC

# 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.



DCA3C2



9EBC8F



A5B2E3

# Square

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



9EBC8F



6CBFD4



C5A9D7



E1A692

# Rectangle

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



9EBC8F



73C1B5



C5A9D7



E4A1B1



# Sweetspot

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



9EBC8F



E9F5E4



BCAD8F



747A71



FAFAFA



7A7A7A

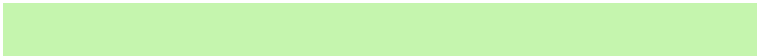


# Same Dimension

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



9EBC8F



C5F5AE



8FBC97



585E55



359E00



0A1F00



# Inverse Universe

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



AD8FBC



DDAEF5



BC8FB4



5B555E



69009E



14001F



# Previews

## White Background



This preview shows how the Hex color 9EBC8F looks on a white background.

## Color Contrast Check

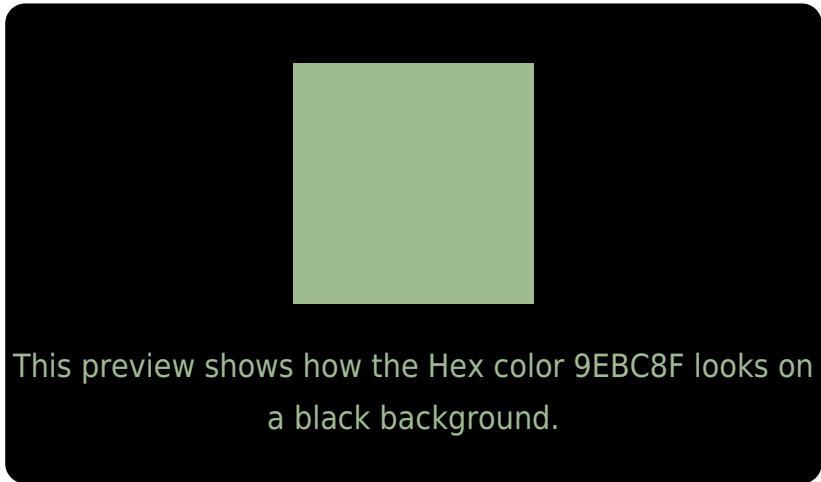
Large Text (above 18pt) WCAG AA × Fail

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

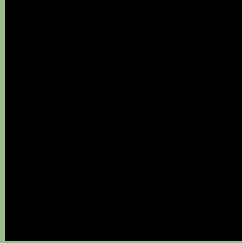
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9EBC8F Background



This preview shows how black text looks on a background with the Hex color 9EBC8F.

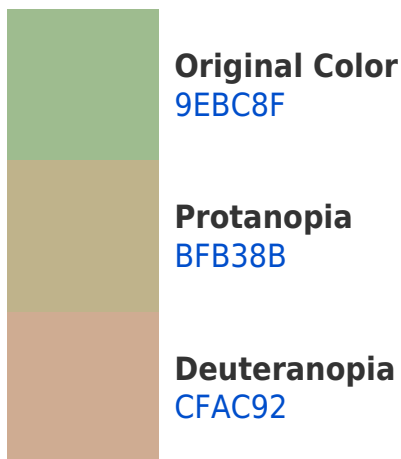


This preview shows how white text looks on a background with the Hex color 9EBC8F.

# 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**  
A6B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EBC8F 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 #9EBC8F looks like.

```
.text, #text, p{  
    color:#9EBC8F  
}
```

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 #9EBC8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EBC8F
}
```

## Border

The CSS property to change the border of an element to Hex 9EBC8F 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
#9EBC8F }
```

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

```
.border{ border-color:#9EBC8F }
```

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

Here you see how a box with a 4 pixel #9EBC8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EBC8F; -webkit-box-shadow:4px 4px  
4px 4px #9EBC8F; box-shadow:4px 4px 4px  
4px #9EBC8F }
```

# Background

The CSS property to change the background color of an element to Hex 9EBC8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EBC8F }
```

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

```
.background{ background-color:#9EBC8F }
```

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