

# Converting Colors

Hex(9EB0AA)

Have a look what the booklet for  
Hex(9EB0AA) contains.

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# **Color**

**Hex(9EB0AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EB0AA
RGB	158, 176, 170
RGB Percent	62%, 69%, 67%
CMY	0.3804, 0.3098, 0.3333
CMYK	0.10, 0.00, 0.03, 0.31
HSL	160°, 10%, 65%
HSV	160°, 10%, 69%
XYZ	36.8816, 41.2220, 44.0430
YIQ	169.9340, -8.8020, -5.6820

# Conversions

## Conversions Part 2

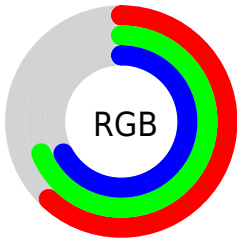
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">158, 169, 176</a>
Decimal	<a href="#">10399914</a>
CIELab	<a href="#">70.33, -7.42, 0.94</a>
CIElCh	<a href="#">70, 7.483, 172.820</a>
Yxy	<a href="#">41.2220, 0.3019, 0.3375</a>
Android (android.graphics.Color)	<a href="#">4288589994 (0xFF9EB0AA)</a>
YUV	<a href="#">169.9340, 0.0325, -10.4661</a>
Hunter-Lab	<a href="#">64.2044, -9.8201, 4.2713</a>

# Details

The Hex color **9EB0AA** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B09EA4**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **D5E8E1**, and **6B7C76** is the 20% darker color. If you saturate the color by 10%, you get **8CB0A4**, and if you desaturate by 10%, it is **B0B0B0**.

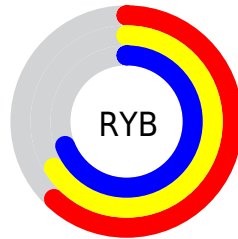
# Distribution



Red (62%)

Green (69%)

Blue (67%)



Red (62%)

Yellow (66%)

Blue (69%)

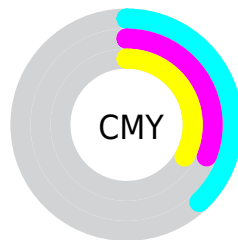


Cyan (10%)

Magenta (0%)

Yellow (3%)

Black (31%)



Cyan (38%)

Magenta (31%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EB0AA 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 9EB0AA by changing the saturation by 10% instead.



 9EB0AA

 9EB0AA

FFFFFF

 849590

 D5E8E1


 6B7C76

 F1FFFE

 52635D

 3B4B46

 25342F

 111F1B

 000200

 000000

 9EB0AA

 9EB0AA

8CB0A4

B0B0B0

7BB09E

C1B0B6

69B098

D3B0BC

58B093

E4B0C1

46B08D

F6B0C7

34B087

FFB0CD

23B081

FFB0D3

11B07B

FFB0D9

00B075

FFB0DF

# Harmonies

## Analogous

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



A4AFA4



9EB0AA



9BB0B1

# Triad

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



9EB0AA



ABABB8



B9A9A1

# Complementary

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



9EB0AA



B09EA4

# 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.



BBA8A7



9EB0AA



B3A9B4

# Square

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



9EB0AA



A3ADB9



B9A8AE



B4AB9F

# Rectangle

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



9EB0AA



9CAF B5



B9A8AE



BAA8A3



# Sweetspot

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



9EB0AA



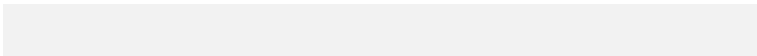
DFE6E3



A4B09E



6E7371



F2F2F2



737373



# Same Dimension

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



9EB0AA



CAE6DC



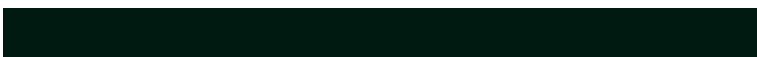
9EADB0



505956



009966



001A11



# Inverse Universe

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



B09EA4



E6CAD3



B0A19E



595053



990033

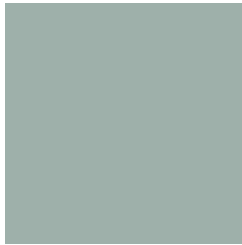


1A0009



# Previews

## White Background



This preview shows how the Hex color 9EB0AA looks on a white background.

## Color Contrast Check

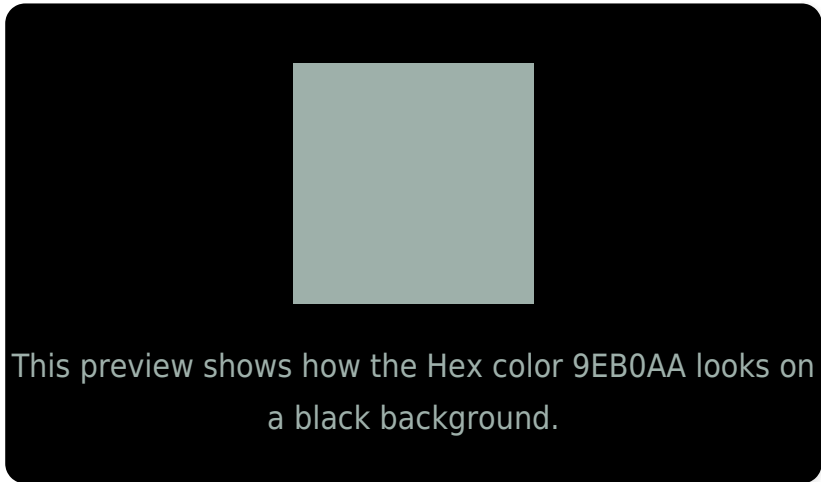
Large Text (above 18pt) WCAG AA × Fail

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

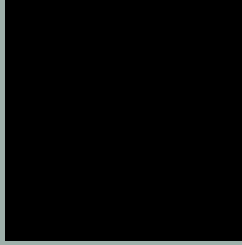
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

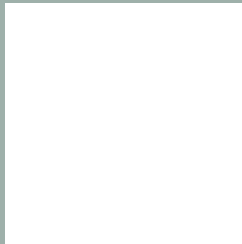
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9EB0AA Background



This preview shows how black text looks on a background with the Hex color 9EB0AA.



This preview shows how white text looks on a background with the Hex color 9EB0AA.

# Color Blindness Simulation

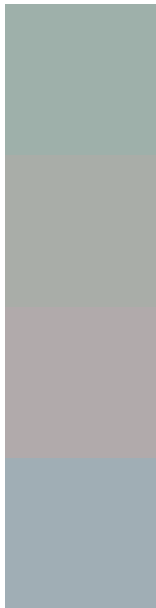
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
9EB0AA

**Protanomaly**  
A9ADA8

**Deuteranomaly**  
B1AAAB

**Tritanomaly**  
A0AEB5

# Monochromacy



**Original Color**  
9EB0AA

**Achromatopsia**  
AAAAAA

**Achromatomaly**  
A6ACAA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EB0AA 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 #9EB0AA looks like.

```
.text, #text, p{  
    color:#9EB0AA  
}
```

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 #9EB0AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EB0AA
}
```

## Border

The CSS property to change the border of an element to Hex 9EB0AA 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
#9EB0AA }
```

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

```
.border{ border-color:#9EB0AA }
```

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

Here you see how a box with a 4 pixel #9EB0AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EB0AA; -webkit-box-shadow:4px 4px  
4px 4px #9EB0AA; box-shadow:4px 4px 4px  
4px #9EB0AA }
```

# Background

The CSS property to change the background color of an element to Hex 9EB0AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EB0AA }
```

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

```
.background{ background-color:#9EB0AA }
```

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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