

# Converting Colors

Hex(8EA69B)

Have a look what the booklet for  
Hex(8EA69B) contains.

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# **Color**

**Hex(8EA69B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EA69B
RGB	142, 166, 155
RGB Percent	56%, 65%, 61%
CMY	0.4431, 0.3490, 0.3922
CMYK	0.14, 0.00, 0.07, 0.35
HSL	152°, 12%, 60%
HSV	152°, 14%, 65%
XYZ	30.7079, 35.3898, 36.2228
YIQ	157.5700, -10.7730, -8.5090

# Conversions

## Conversions Part 2

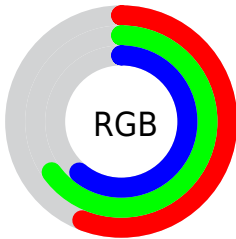
Format	Color
<a href="#">RYB</a>	<a href="#">142, 158, 166</a>
Decimal	<a href="#">9348763</a>
CIELab	<a href="#">66.05, -10.58, 2.89</a>
CIELCh	<a href="#">66, 10.965, 164.739</a>
Yxy	<a href="#">35.3898, 0.3001, 0.3459</a>
Android (android.graphics.Color)	<a href="#">4287538843 (0xFF8EA69B)</a>
YUV	<a href="#">157.5700, -1.2670, -13.6549</a>
Hunter-Lab	<a href="#">59.4893, -11.9659, 5.5411</a>

# Details

The Hex color **8EA69B** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A68E99**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **C4DDD1**, and **5C7268** is the 20% darker color. If you saturate the color by 10%, you get **7DA693**, and if you desaturate by 10%, it is **9FA6A3**.

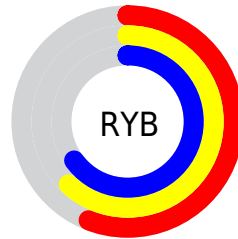
# Distribution



Red (56%)

Green (65%)

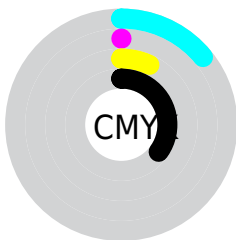
Blue (61%)



Red (56%)

Yellow (62%)

Blue (65%)

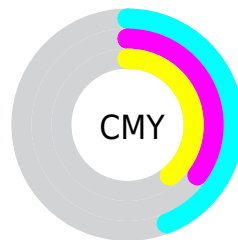


Cyan (14%)

Magenta (0%)

Yellow (7%)

Black (35%)



Cyan (44%)

Magenta (35%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EA69B 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 8EA69B by changing the saturation by 10% instead.





8EA69B



8EA69B

FFFFFF



748C81



C4DDD1



5C7268



E0FAEE



445A50



FDFFFF



2D4239



182C24



00180E



000000



8EA69B



8EA69B



7DA693



9FA6A3

 6DA68C

 AFA6AA

 5CA684

 C0A6B2

 4CA67D

 D0A6B9

 3BA675

 E1A6C1

 2AA66D

 F2A6C9

 1AA666

 FFA6D0

 09A65E

 FFA6D8

 00A65A

 FFA6DF

# Harmonies

## Analogous

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



98A492



8EA69B



88A6A5

# Triad

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



8EA69B



9CA0B3



B49B93

# Complementary

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



8EA69B



A68E99

# 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.



B69A9C



8EA69B



A89DAF

# Square

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



8EA69B



91A3B3



B29AA6



AE9E8E

# Rectangle

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



8EA69B



88A6AB



B29AA6



B59B96



# Sweetspot

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



8EA69B



D0D9D5



99A68E



686E6B



EDEDED



6E6E6E



# Same Dimension

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



8EA69B



B4D9C8



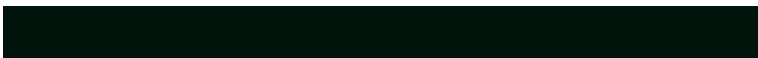
8EA5A6



4C5450



009450



00140B



# Inverse Universe

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



A68E99



D9B4C5



A68F8E



544C50



940044



140009



# Previews

## White Background



This preview shows how the Hex color 8EA69B looks on a white background.

## Color Contrast Check

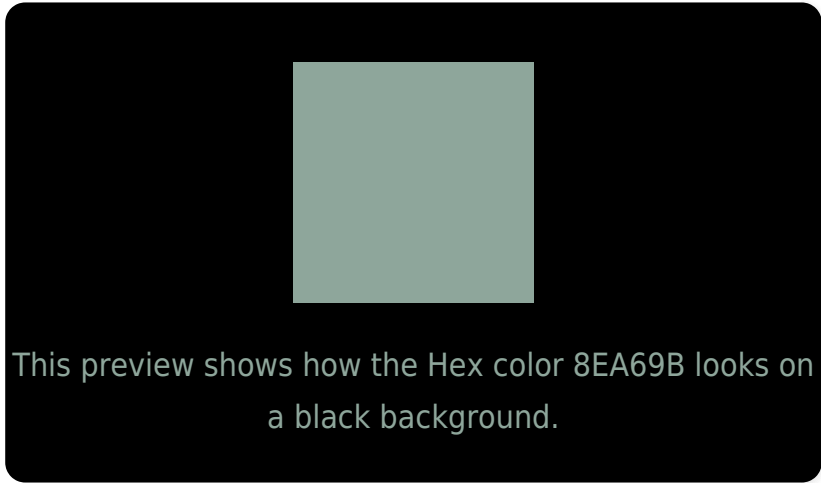
Large Text (above 18pt) WCAG AA × Fail

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

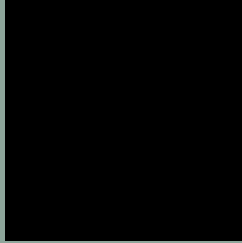
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

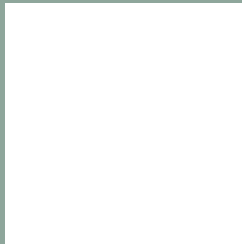
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8EA69B Background



This preview shows how black text looks on a background with the Hex color 8EA69B.

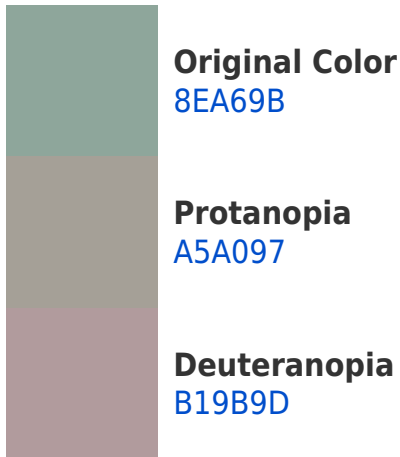


This preview shows how white text looks on a background with the Hex color 8EA69B.

# 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**  
92A3B0

# Trichromacy



**Original Color**  
8EA69B

**Protanomaly**  
9DA298

**Deuteranomaly**  
A49F9C

**Tritanomaly**  
91A4A8

# Monochromacy



**Original Color**  
8EA69B

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
98A19D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EA69B 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 #8EA69B looks like.

```
.text, #text, p{  
    color:#8EA69B  
}
```

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 #8EA69B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA69B  
}
```

## Border

The CSS property to change the border of an element to Hex 8EA69B 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  
#8EA69B }
```

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

```
.border{ border-color:#8EA69B }
```

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

Here you see how a box with a 4 pixel #8EA69B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA69B; -webkit-box-shadow:4px 4px  
4px 4px #8EA69B; box-shadow:4px 4px 4px  
4px #8EA69B }
```

# Background

The CSS property to change the background color of an element to Hex 8EA69B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA69B }
```

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

```
.background{ background-color:#8EA69B }
```

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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