

# Converting Colors

Hex(8EA09B)

Have a look what the booklet for  
Hex(8EA09B) contains.

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# **Color**

**Hex(8EA09B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EA09B
RGB	142, 160, 155
RGB Percent	56%, 63%, 61%
CMY	0.4431, 0.3725, 0.3922
CMYK	0.11, 0.00, 0.03, 0.37
HSL	163°, 9%, 59%
HSV	163°, 11%, 63%
XYZ	29.6425, 33.2590, 35.8676
YIQ	154.0480, -9.1230, -5.3710

# Conversions

## Conversions Part 2

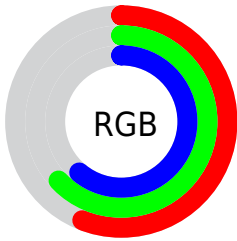
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">142, 152, 160</a>
Decimal	<a href="#">9347227</a>
CIELab	<a href="#">64.37, -7.35, 0.44</a>
CIELCh	<a href="#">64, 7.361, 176.555</a>
Yxy	<a href="#">33.2590, 0.3001, 0.3367</a>
Android (android.graphics.Color)	<a href="#">4287537307</a> ( <a href="#">0xFF8EA09B</a> )
YUV	<a href="#">154.0480, 0.4693, -10.5661</a>
Hunter-Lab	<a href="#">57.6706, -9.1750, 3.4946</a>

# Details

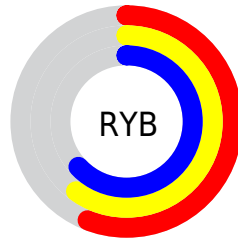
The Hex color **8EA09B** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A08E93**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **C4D7D1**, and **5C6D68** is the 20% darker color. If you saturate the color by 10%, you get **7EA097**, and if you desaturate by 10%, it is **9EA09F**.

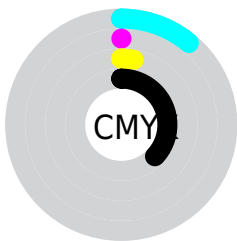
# Distribution



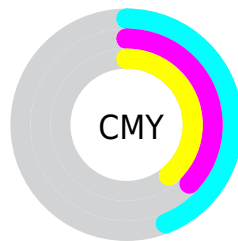
- Red (56%)
- Green (63%)
- Blue (61%)



- Red (56%)
- Yellow (60%)
- Blue (63%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (37%)



- Cyan (44%)
- Magenta (37%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EA09B 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 8EA09B by changing the saturation by 10% instead.





8EA09B



8EA09B

FFFFFF



748681



C4D7D1



5C6D68



E0F3EE



445450



FCFFFF



2E3D39



182724



00130E



000000



8EA09B



8EA09B



7EA097



9EA09F

6EA092

AEA0A4

5EA08E

BEA0A8

4EA089

CEA0AD

3EA085

DEA0B1

2EA080

EEA0B6

1EA07C

FEA0BA

0EA077

FFA0BF

00A074

FFA0C3

# Harmonies

## Analogous

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



949F95



8EA09B



8CA0A2

# Triad

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



8EA09B



9D9BA8



A89991

# Complementary

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



8EA09B



A08E93

# 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.



AB9896



8EA09B



A499A3

# Square

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



8EA09B



959DA9



A9989D



A29B8F

# Rectangle

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



8EA09B



8D9FA5



A9989D



A99993



# Sweetspot

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



8EA09B



CBD1CF



93A08E



646967



E8E8E8



696969



# Same Dimension

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



8EA09B



B4D1C9



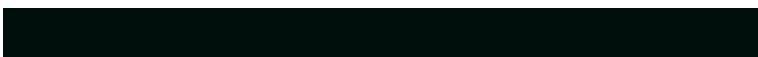
8E9CA0



474F4D



008F67



000F0B



# Inverse Universe

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



A08E93



D1B4BC



A0928E



4F4749



8F0028



0F0004



# Previews

## White Background



This preview shows how the Hex color 8EA09B 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

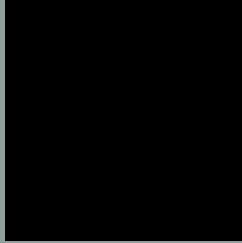
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

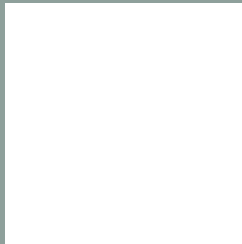
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8EA09B Background



This preview shows how black text looks on a background with the Hex color 8EA09B.

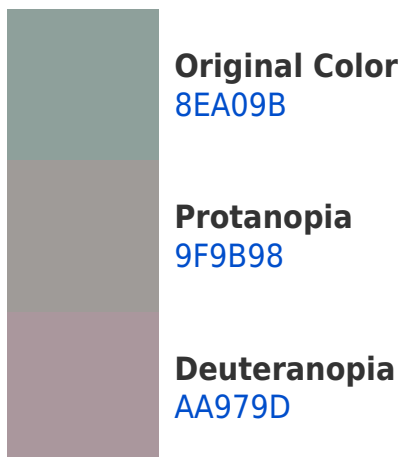


This preview shows how white text looks on a background with the Hex color 8EA09B.

# 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**  
919EAA

# Trichromacy



**Original Color**  
8EA09B

**Protanomaly**  
999D99

**Deuteranomaly**  
A09A9C

**Tritanomaly**  
909FA5

# Monochromacy



**Original Color**  
8EA09B

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
969C9A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EA09B 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 #8EA09B looks like.

```
.text, #text, p{  
    color:#8EA09B  
}
```

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 #8EA09B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA09B  
}
```

## Border

The CSS property to change the border of an element to Hex 8EA09B 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  
#8EA09B }
```

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

```
.border{ border-color:#8EA09B }
```

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

Here you see how a box with a 4 pixel #8EA09B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA09B; -webkit-box-shadow:4px 4px  
4px 4px #8EA09B; box-shadow:4px 4px 4px  
4px #8EA09B }
```

# Background

The CSS property to change the background color of an element to Hex 8EA09B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA09B }
```

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

```
.background{ background-color:#8EA09B }
```

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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