

# Converting Colors

Hex(8EA7A3)

Have a look what the booklet for  
Hex(8EA7A3) contains.

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# **Color**

**Hex(8EA7A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EA7A3
RGB	142, 167, 163
RGB Percent	56%, 65%, 64%
CMY	0.4431, 0.3451, 0.3608
CMYK	0.15, 0.00, 0.02, 0.35
HSL	170°, 12%, 61%
HSV	170°, 15%, 65%
XYZ	31.5849, 36.0326, 39.9406
YIQ	159.0690, -13.6160, -6.5440

# Conversions

## Conversions Part 2

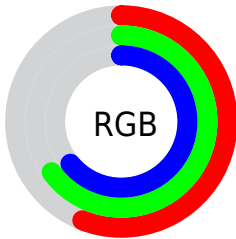
Format	Color
<a href="#">RYB</a>	<a href="#">142, 156, 167</a>
Decimal	<a href="#">9349027</a>
CIELab	<a href="#">66.54, -9.47, -0.85</a>
CIELCh	<a href="#">67, 9.510, 185.129</a>
Yxy	<a href="#">36.0326, 0.2937, 0.3350</a>
Android (android.graphics.Color)	<a href="#">4287539107 (0xFF8EA7A3)</a>
YUV	<a href="#">159.0690, 1.9380, -14.9695</a>
Hunter-Lab	<a href="#">60.0271, -11.1248, 2.5688</a>

# Details

The Hex color **8EA7A3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A78E92**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **C4DEDA**, and **5B736F** is the 20% darker color. If you saturate the color by 10%, you get **7DA7A0**, and if you desaturate by 10%, it is **9FA7A6**.

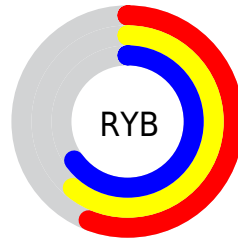
# Distribution



Red (56%)

Green (65%)

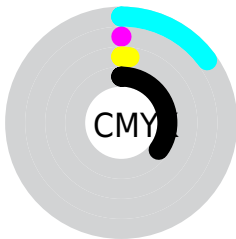
Blue (64%)



Red (56%)

Yellow (61%)

Blue (65%)

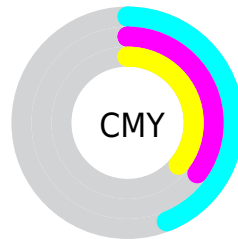


Cyan (15%)

Magenta (0%)

Yellow (2%)

Black (35%)



Cyan (44%)

Magenta (35%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EA7A3 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 8EA7A3 by changing the saturation by 10% instead.





8EA7A3



8EA7A3

FFFFFF



748D89



C4DEDA



5B736F



E0FBF6



445A57



FDFFFF



2D4340



172D2A



001915



000000



8EA7A3



8EA7A3



7DA7A0



9FA7A6

6DA79E

AFA7A8

5CA79B

C0A7AB

4BA798

D1A7AE

3BA796

E1A7B0

2AA793

F2A7B3

19A790

FFA7B6

08A78E

FFA7B8

00A78C

FFA7BB

# Harmonies

## Analogous

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



94A69A



8EA7A3



8DA6AB

# Triad

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



8EA7A3



A59FB0



B09F93

# Complementary

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



8EA7A3



A78E92

# 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.



B49D98



8EA7A3



AF9DA9

# Square

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



8EA7A3



9BA2B3



B49CA1



A7A291

# Rectangle

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



8EA7A3



8FA5AF



B49CA1



B29E94



# Sweetspot

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



8EA7A3



D0D9D7



92A78E



686E6D



EDEDED



6E6E6E



# Same Dimension

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



8EA7A3



B2D9D3



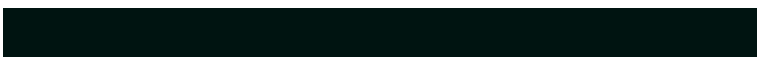
8E9FA7



4C5453



00947C



001411



# Inverse Universe

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



A78E92



D9B2B8



A7968E



544C4D



940018



140003



# Previews

## White Background



This preview shows how the Hex color 8EA7A3 looks on a white background.

## Color Contrast Check

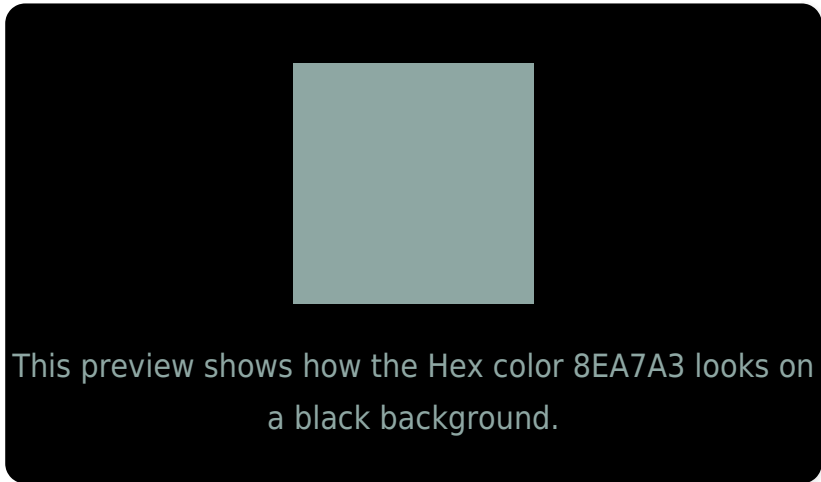
Large Text (above 18pt) WCAG AA × Fail

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

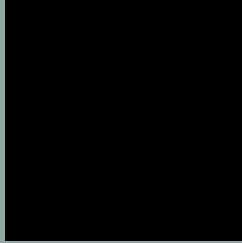
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8EA7A3 Background



This preview shows how black text looks on a background with the Hex color 8EA7A3.

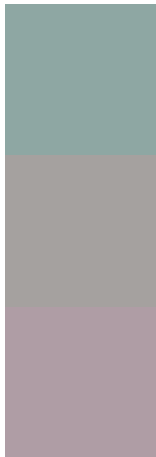


This preview shows how white text looks on a background with the Hex color 8EA7A3.

# 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



**Original Color**  
8EA7A3

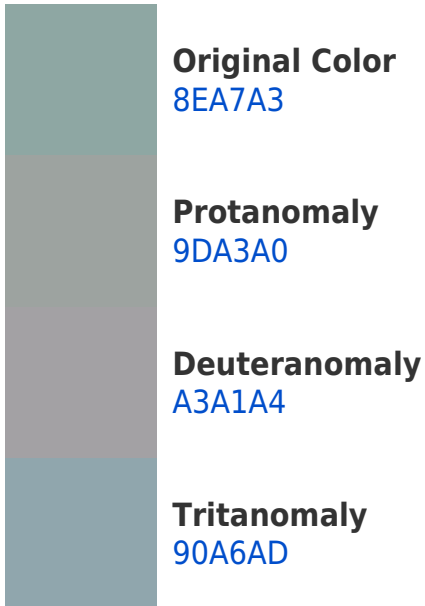
**Protanopia**  
A5A19F

**Deuteranopia**  
AF9DA5

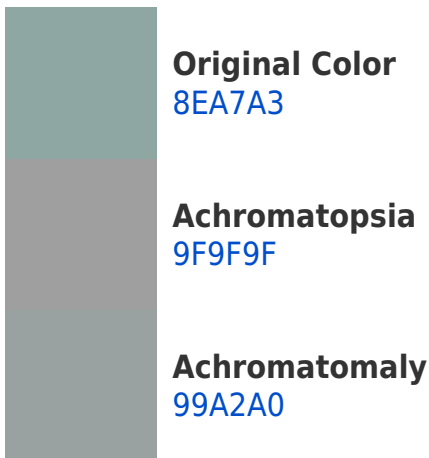


**Tritanopia**  
91A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EA7A3 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 #8EA7A3 looks like.

```
.text, #text, p{  
    color:#8EA7A3  
}
```

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 #8EA7A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA7A3
}
```

## Border

The CSS property to change the border of an element to Hex 8EA7A3 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
#8EA7A3 }
```

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

```
.border{ border-color:#8EA7A3 }
```

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

Here you see how a box with a 4 pixel #8EA7A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA7A3; -webkit-box-shadow:4px 4px  
4px 4px #8EA7A3; box-shadow:4px 4px 4px  
4px #8EA7A3 }
```

# Background

The CSS property to change the background color of an element to Hex 8EA7A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA7A3 }
```

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

```
.background{ background-color:#8EA7A3 }
```

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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