

# Converting Colors

Hex(8E9AA3)

Have a look what the booklet for  
Hex(8E9AA3) contains.

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# **Color**

**Hex(8E9AA3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E9AA3
RGB	142, 154, 163
RGB Percent	56%, 60%, 64%
CMY	0.4431, 0.3961, 0.3608
CMYK	0.13, 0.06, 0.00, 0.36
HSL	206°, 10%, 60%
HSV	206°, 13%, 64%
XYZ	29.3218, 31.5063, 39.1862
YIQ	151.4380, -10.0410, 0.2550

# Conversions

## Conversions Part 2

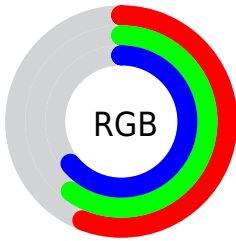
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">142, 150, 163</a>
Decimal	<a href="#">9345699</a>
CIELab	<a href="#">62.93, -2.38, -6.17</a>
CIELCh	<a href="#">63, 6.614, 248.909</a>
Yxy	<a href="#">31.5063, 0.2932, 0.3150</a>
Android (android.graphics.Color)	<a href="#">4287535779</a> ( <a href="#">0xFF8E9AA3</a> )
YUV	<a href="#">151.4380, 5.7001, -8.2771</a>
Hunter-Lab	<a href="#">56.1305, -4.9825, -2.1006</a>

# Details

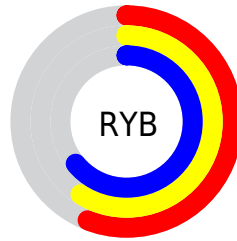
The Hex color **8E9AA3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A3978E**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C4D0DA**, and **5C676F** is the 20% darker color. If you saturate the color by 10%, you get **7E93A3**, and if you desaturate by 10%, it is **9EA1A3**.

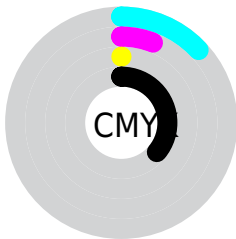
# Distribution



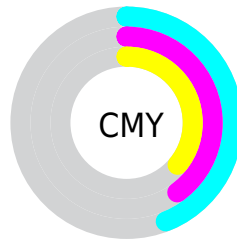
- Red (56%)
- Green (60%)
- Blue (64%)



- Red (56%)
- Yellow (59%)
- Blue (64%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (36%)



- Cyan (44%)
- Magenta (40%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E9AA3 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 8E9AA3 by changing the saturation by 10% instead.



■ 8E9AA3

■ 8E9AA3

FFFFFF

■ 748089

■ C4D0DA

■ 5C676F

■ E0EDF6

■ 444F57

■ FCFFFF

■ 2D3840

■ 18232A

■ 000D16

■ 000000

■ 8E9AA3

■ 8E9AA3

■ 7E93A3

■ 9EA1A3

6D8CA3

AFA8A3

5D85A3

BFAFA3

4D7EA3

CFB6A3

3D77A3

E0BDA3

2C70A3

F0C4A3

1C69A3

FFCBA3

0C62A3

FFD2A3

005DA3

FFD9A3

# Harmonies

## Analogous

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



8A9B9F



8E9AA3



9498A4

# Triad

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



8E9AA3



A59497



959A8F

# Complementary

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



8E9AA3



A3978E

# 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.



9B988D



8E9AA3



A59591

# Square

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



8E9AA3



A2959D



A1968D



8E9B94

# Rectangle

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



8E9AA3



9997A2



A1968D



979A8E



# Sweetspot

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



8E9AA3



CBD0D4



8EA397



66696B



EBEBEB



6B6B6B



# Same Dimension

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



8E9AA3



B4C6D4



8E90A3



494E52



005391



000A12



# Inverse Universe

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



A38E9A



D4B4C6



A3A18E



52494E



910053



12000A



# Previews

## White Background



This preview shows how the Hex color 8E9AA3 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

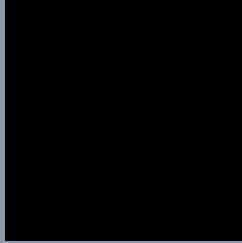
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

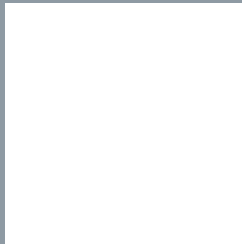
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8E9AA3 Background



This preview shows how black text looks on a background with the Hex color 8E9AA3.



This preview shows how white text looks on a background with the Hex color 8E9AA3.

# 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](#).

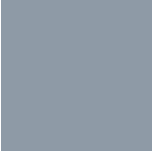
## Dichromacy



**Original Color**  
8E9AA3

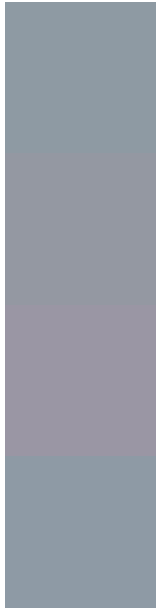
**Protanopia**  
9897A1

**Deuteranopia**  
A194A4



**Tritanopia**  
8E9AA6

# Trichromacy



**Original Color**  
8E9AA3

**Protanomaly**  
9498A2

**Deuteranomaly**  
9A96A4

**Tritanomaly**  
8E9AA5

# Monochromacy



**Original Color**  
8E9AA3

**Achromatopsia**  
979797

**Achromatomaly**  
94989B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E9AA3 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 #8E9AA3 looks like.

```
.text, #text, p{  
    color:#8E9AA3  
}
```

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 #8E9AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E9AA3
}
```

## Border

The CSS property to change the border of an element to Hex 8E9AA3 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
#8E9AA3 }
```

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

```
.border{ border-color:#8E9AA3 }
```

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

Here you see how a box with a 4 pixel #8E9AA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E9AA3; -webkit-box-shadow:4px 4px  
4px 4px #8E9AA3; box-shadow:4px 4px 4px  
4px #8E9AA3 }
```

# Background

The CSS property to change the background color of an element to Hex 8E9AA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E9AA3 }
```

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

```
.background{ background-color:#8E9AA3 }
```

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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