

# Converting Colors

Hex(8E9CA4)

Have a look what the booklet for  
Hex(8E9CA4) contains.

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# **Color**

**Hex(8E9CA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E9CA4
RGB	142, 156, 164
RGB Percent	56%, 61%, 64%
CMY	0.4431, 0.3882, 0.3569
CMYK	0.13, 0.05, 0.00, 0.36
HSL	202°, 11%, 60%
HSV	202°, 13%, 64%
XYZ	29.7446, 32.2081, 39.7710
YIQ	152.7260, -10.9120, -0.4800

# Conversions

## Conversions Part 2

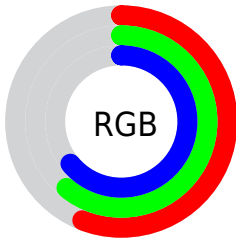
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 151, 164
Decimal	9346212
CIELab	63.51, -3.27, -5.87
CIELCh	64, 6.722, 240.880
Yxy	32.2081, 0.2924, 0.3166
Android (android.graphics.Color)	4287536292 (0xFF8E9CA4)
YUV	152.7260, 5.5581, -9.4067
Hunter-Lab	56.7521, -5.7618, -1.8230

# Details

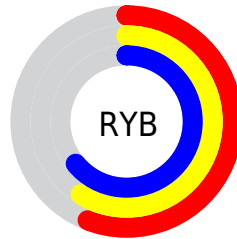
The Hex color **8E9CA4** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A4968E**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **C4D2DB**, and **5C6970** is the 20% darker color. If you saturate the color by 10%, you get **7E96A4**, and if you desaturate by 10%, it is **9EA2A4**.

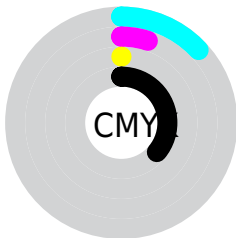
# Distribution



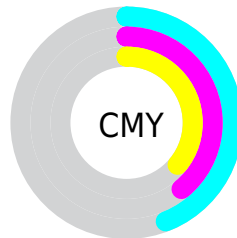
- Red (56%)
- Green (61%)
- Blue (64%)



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



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (36%)



- Cyan (44%)
- Magenta (39%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E9CA4 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 8E9CA4 by changing the saturation by 10% instead.





8E9CA4



8E9CA4

FFFFFF



74828A



C4D2DB



5C6970



E0EFF7



445158



FCFFFF



2D3A41



18242B



000F16



000000



8E9CA4



8E9CA4



7E96A4



9EA2A4

6D90A4

AFA8A4

5D8AA4

BFAEA4

4C84A4

D0B4A4

3C7EA4

E0BAA4

2C78A4

F0C0A4

1B72A4

FFC6A4

0B6CA4

FFCCA4

0068A4

FFD2A4

# Harmonies

## Analogous

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



8B9DA0



8E9CA4



949AA6

# Triad

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



8E9CA4



A6969A



989B8F

# Complementary

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



8E9CA4



A4968E

# 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.



9F998E



8E9CA4



A79694

# Square

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



8E9CA4



A297A0



A49890



919D94

# Rectangle

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



8E9CA4



9999A5



A49890



9A9B8F



# Sweetspot

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



8E9CA4



CED3D6



8EA496



66696B



EBEBEB



6B6B6B



# Same Dimension

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



8E9CA4



B4CAD6



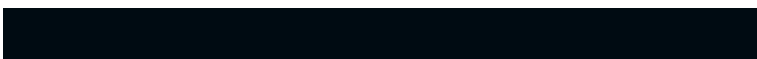
8E91A4



494F52



005C91



000B12



# Inverse Universe

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



A48E9C



D6B4CA



A4A18E



52494F



91005C

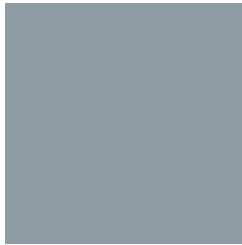


12000B



# Previews

## White Background



This preview shows how the Hex color 8E9CA4 looks on a white background.

## Color Contrast Check

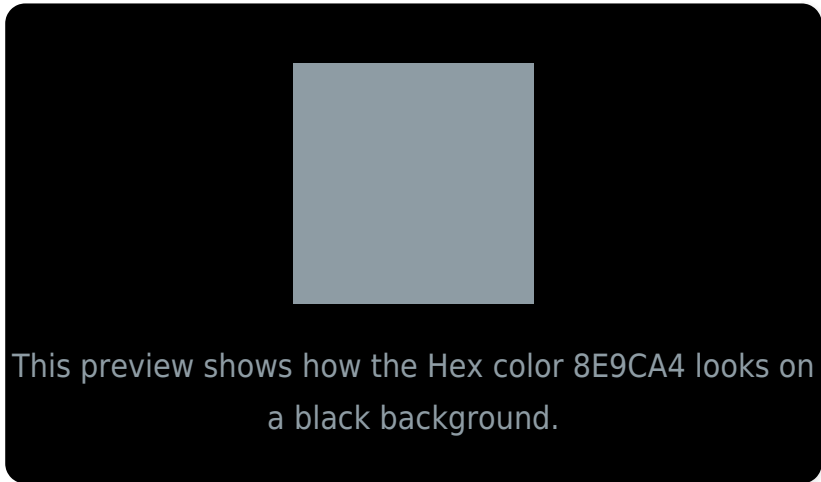
Large Text (above 18pt) WCAG AA × Fail

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

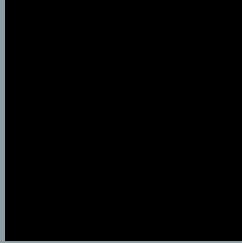
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

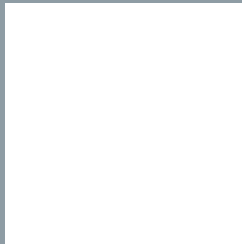
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8E9CA4 Background



This preview shows how black text looks on a background with the Hex color 8E9CA4.



This preview shows how white text looks on a background with the Hex color 8E9CA4.

# 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](#).

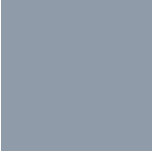
## Dichromacy



**Original Color**  
8E9CA4

**Protanopia**  
9A99A2

**Deuteranopia**  
A395A5



**Tritanopia**  
8F9BA8

# Trichromacy



**Original Color**  
8E9CA4

**Protanomaly**  
969AA3

**Deuteranomaly**  
9B98A5

**Tritanomaly**  
8F9BA7

# Monochromacy



**Original Color**  
8E9CA4

**Achromatopsia**  
999999

**Achromatomaly**  
959A9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E9CA4 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 #8E9CA4 looks like.

```
.text, #text, p{  
    color:#8E9CA4  
}
```

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 #8E9CA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E9CA4
}
```

## Border

The CSS property to change the border of an element to Hex 8E9CA4 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
#8E9CA4 }
```

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

```
.border{ border-color:#8E9CA4 }
```

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

Here you see how a box with a 4 pixel #8E9CA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E9CA4; -webkit-box-shadow:4px 4px  
4px 4px #8E9CA4; box-shadow:4px 4px 4px  
4px #8E9CA4 }
```

# Background

The CSS property to change the background color of an element to Hex 8E9CA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E9CA4 }
```

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

```
.background{ background-color:#8E9CA4 }
```

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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