

# Converting Colors

Hex(8690A3)

Have a look what the booklet for  
Hex(8690A3) contains.

<b>Hex(8690A3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(8690A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8690A3
RGB	134, 144, 163
RGB Percent	53%, 56%, 64%
CMY	0.4745, 0.4353, 0.3608
CMYK	0.18, 0.12, 0.00, 0.36
HSL	219°, 14%, 58%
HSV	219°, 18%, 64%
XYZ	26.4156, 27.6592, 38.5968
YIQ	143.1760, -12.0590, 3.7890

# Conversions

## Conversions Part 2

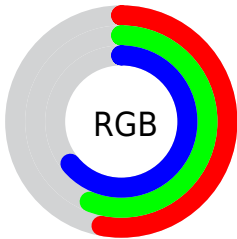
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 141, 163
Decimal	8818851
CIELab	59.58, 0.52, -11.24
CIELCh	60, 11.247, 272.656
Yxy	27.6592, 0.2850, 0.2985
Android (android.graphics.Color)	4287008931 (0xFF8690A3)
YUV	143.1760, 9.7732, -8.0474
Hunter-Lab	52.5920, -2.3800, -6.6980

# Details

The Hex color **8690A3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A39986**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **BBC6DA**, and **545E6F** is the 20% darker color. If you saturate the color by 10%, you get **7685A3**, and if you desaturate by 10%, it is **969BA3**.

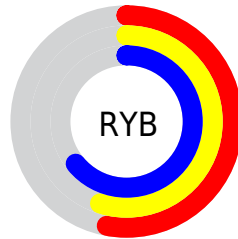
# Distribution



Red (53%)

Green (56%)

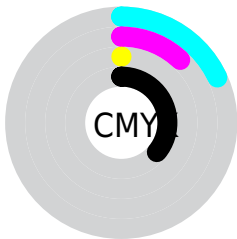
Blue (64%)



Red (53%)

Yellow (55%)

Blue (64%)

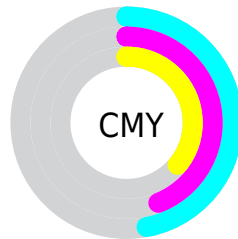


Cyan (18%)

Magenta (12%)

Yellow (0%)

Black (36%)



Cyan (47%)

Magenta (44%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8690A3 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 8690A3 by changing the saturation by 10% instead.





8690A3



8690A3

FFFFFF



6D7689



BBC6DA



545E6F



D7E2F6



3C4657



F4FEFF



263040



111B2A



000116



000000



8690A3



8690A3



7685A3



969BA3

■ 657BA3

■ A7A5A3

■ 5570A3

■ B7B0A3

■ 4565A3

■ C7BBA3

■ 355BA3

■ D8C5A3

■ 2450A3

■ E8D0A3

■ 1445A3

■ F8DBA3

■ 043BA3

■ FFE5A3

■ 0038A3

■ FFF0A3

# Harmonies

## Analogous

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



7B93A1



8690A3



938DA0

# Triad

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



8690A3



A48985



819486

# Complementary

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



8690A3



A39986

# 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.



8C927F



8690A3



A08C7E

# Square

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



8690A3



A4898F



978F7C



799590

# Rectangle

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



8690A3



9A8B9C



978F7C



849483

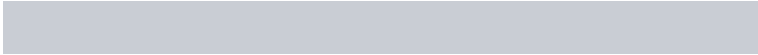


# Sweetspot

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



8690A3



C9CDD4



86A399



65676B



EBEBEB



6B6B6B



# Same Dimension

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



8690A3



A7B7D4



8A86A3



494C52



003291



000612



# Inverse Universe

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



A38690



D4A7B7



9FA386



52494C



910032

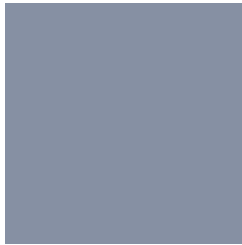


120006



# Previews

## White Background



This preview shows how the Hex color 8690A3 looks on a white background.

## Color Contrast Check

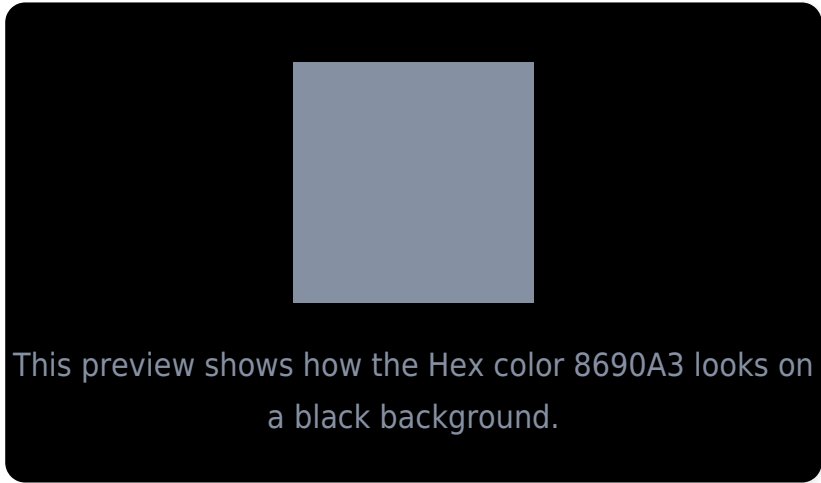
Large Text (above 18pt) WCAG AA ✓ Pass

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

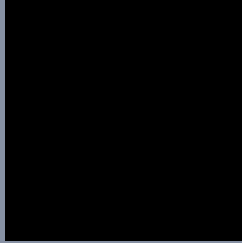
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

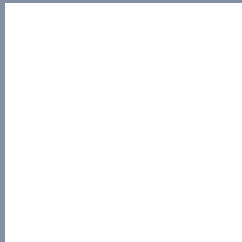
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8690A3 Background



This preview shows how black text looks on a background with the Hex color 8690A3.



This preview shows how white text looks on a background with the Hex color 8690A3.

# 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](#).

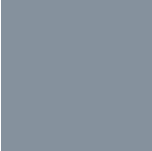
## Dichromacy



**Original Color**  
8690A3

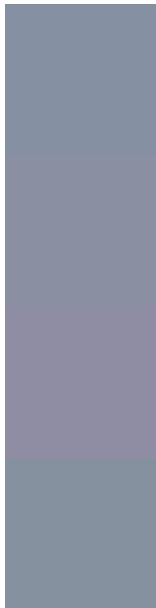
**Protanopia**  
8C8EA2

**Deuteranopia**  
948CA4



**Tritanopia**  
85919D

# Trichromacy



**Original Color**  
8690A3

**Protanomaly**  
8A8FA2

**Deuteranomaly**  
8F8DA4

**Tritanomaly**  
85919F

# Monochromacy



**Original Color**  
8690A3

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
8C8F96

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8690A3 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 #8690A3 looks like.

```
.text, #text, p{  
    color:#8690A3  
}
```

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 #8690A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8690A3
}
```

## Border

The CSS property to change the border of an element to Hex 8690A3 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
#8690A3 }
```

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

```
.border{ border-color:#8690A3 }
```

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

Here you see how a box with a 4 pixel #8690A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8690A3; -webkit-box-shadow:4px 4px  
4px 4px #8690A3; box-shadow:4px 4px 4px  
4px #8690A3 }
```

# Background

The CSS property to change the background color of an element to Hex 8690A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8690A3 }
```

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

```
.background{ background-color:#8690A3 }
```

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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