

# Converting Colors

Hex(809C98)

Have a look what the booklet for  
Hex(809C98) contains.

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# **Color**

**Hex(809C98)**

# Conversions

## Conversions Part 1

Format	Color
Hex	809C98
RGB	128, 156, 152
RGB Percent	50%, 61%, 60%
CMY	0.4980, 0.3882, 0.4039
CMYK	0.18, 0.00, 0.03, 0.39
HSL	171°, 12%, 56%
HSV	171°, 18%, 61%
XYZ	26.4581, 30.6331, 34.2241
YIQ	147.1720, -15.4040, -7.1800

# Conversions

## Conversions Part 2

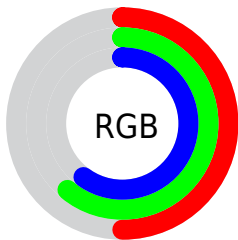
Format	Color
<a href="#">RYB</a>	<a href="#">128, 143, 156</a>
Decimal	<a href="#">8428696</a>
CIELab	<a href="#">62.20, -10.58, -1.16</a>
CIElCh	<a href="#">62, 10.648, 186.264</a>
Yxy	<a href="#">30.6331, 0.2897, 0.3355</a>
Android (android.graphics.Color)	<a href="#">4286618776 (0xFF809C98)</a>
YUV	<a href="#">147.1720, 2.3802, -16.8138</a>
Hunter-Lab	<a href="#">55.3472, -11.5279, 2.0809</a>

# Details

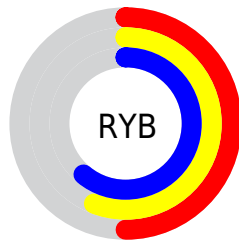
The Hex color **809C98** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9C8084**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B5D3CE**, and **4E6965** is the 20% darker color. If you saturate the color by 10%, you get **709C96**, and if you desaturate by 10%, it is **909C9A**.

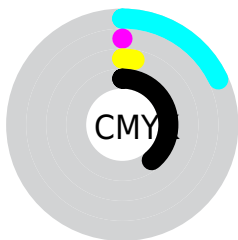
# Distribution



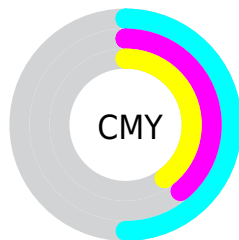
- Red (50%)
- Green (61%)
- Blue (60%)



- Red (50%)
- Yellow (56%)
- Blue (61%)



- Cyan (18%)
- Magenta (0%)
- Yellow (3%)
- Black (39%)



- Cyan (50%)
- Magenta (39%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 809C98 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 809C98 by changing the saturation by 10% instead.





809C98



809C98

FFFFFF



67827E



B5D3CE



4E6965



D1EFEA



37514D



EDFFFF



203A37



0B2421



000F0A



000000



809C98



809C98



709C96



909C9A

619C94

9F9C9C

519C91

AF9C9F

429C8F

BE9CA1

329C8D

CE9CA3

229C8B

DE9CA5

139C88

ED9CA8

039C86

FD9CAA

009C86

FF9CAC

# Harmonies

## Analogous

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



879B8E



809C98



7F9BA1

# Triad

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



809C98



9B93A6



A59385

# Complementary

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



809C98



9C8084

# 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.



AA918C



809C98



A5919E

# Square

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



809C98



8F96A9



AA9095



9C9684

# Rectangle

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



809C98



829AA6



AA9095



A79287



# Sweetspot

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



809C98



C2CCCB



849C80



606665



E6E6E6



666666



# Same Dimension

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



809C98



9FCCC6



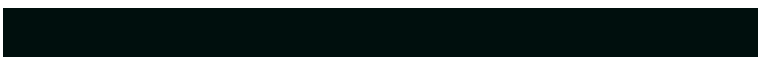
80929C



474F4E



008F7A



000F0D



# Inverse Universe

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



9C8084



CC9FA6



9C8A80



4F4748



8F0014



0F0002



# Previews

## White Background



This preview shows how the Hex color 809C98 looks on a white background.

## Color Contrast Check

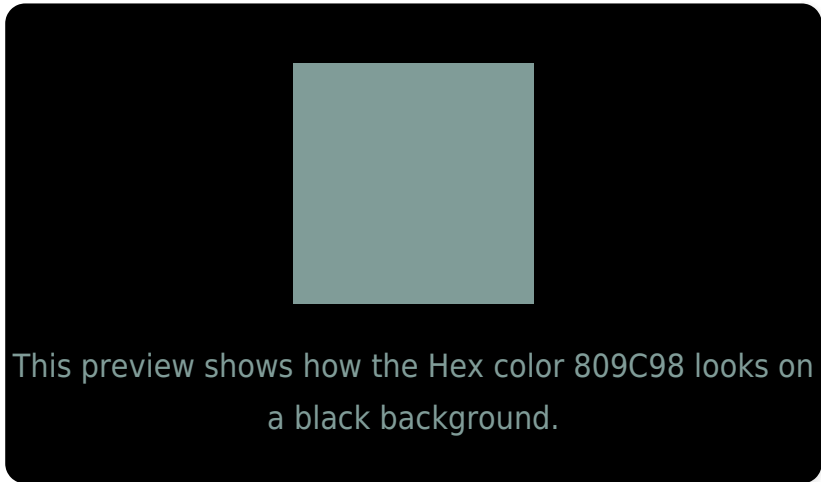
Large Text (above 18pt) WCAG AA × Fail

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

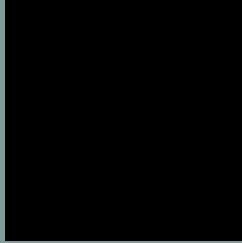
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

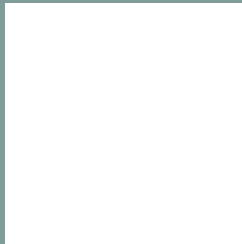
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 809C98 Background



This preview shows how black text looks on a background with the Hex color 809C98.

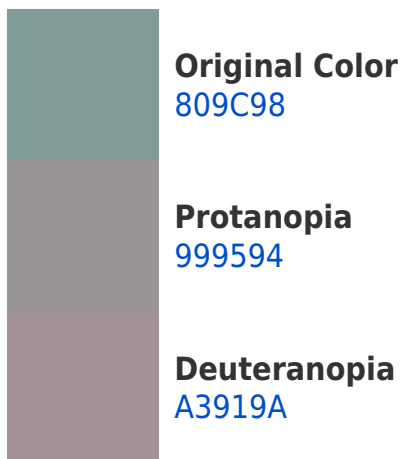


This preview shows how white text looks on a background with the Hex color 809C98.

# 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](#).

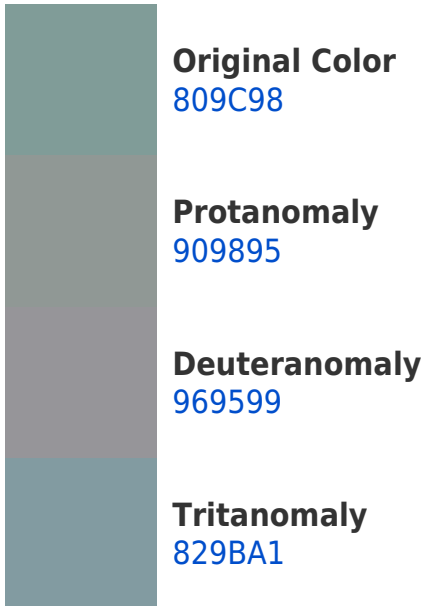
## Dichromacy



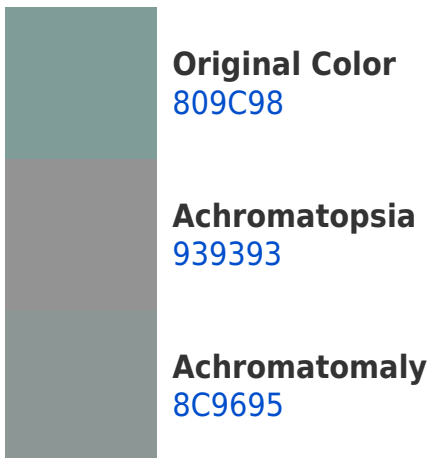


**Tritanopia**  
839AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 809C98 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 #809C98 looks like.

```
.text, #text, p{  
    color:#809C98  
}
```

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 #809C98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809C98
}
```

## Border

The CSS property to change the border of an element to Hex 809C98 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
#809C98 }
```

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

```
.border{ border-color:#809C98 }
```

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

Here you see how a box with a 4 pixel #809C98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809C98; -webkit-box-shadow:4px 4px  
4px 4px #809C98; box-shadow:4px 4px 4px  
4px #809C98 }
```

# Background

The CSS property to change the background color of an element to Hex 809C98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809C98 }
```

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

```
.background{ background-color:#809C98 }
```

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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