

# Converting Colors

Hex(809798)

Have a look what the booklet for  
Hex(809798) contains.

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# Color

**Hex(809798)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	809798
RGB	128, 151, 152
RGB Percent	50%, 59%, 60%
CMY	0.4980, 0.4078, 0.4039
CMYK	0.16, 0.01, 0.00, 0.40
HSL	182°, 10%, 55%
HSV	182°, 16%, 60%
XYZ	25.6362, 28.9894, 33.9501
YIQ	144.2370, -14.0290, -4.5650

# Conversions

## Conversions Part 2

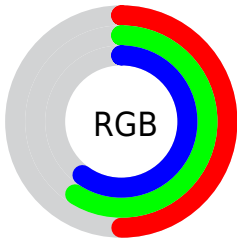
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 140, 152
Decimal	8427416
CIE <sub>Lab</sub>	60.77, -7.86, -3.25
CIE <sub>LCh</sub>	61, 8.508, 202.486
Yxy	28.9894, 0.2894, 0.3273
Android (android.graphics.Color)	4286617496 (0xFF809798)
YUV	144.2370, 3.8272, -14.2398
Hunter-Lab	53.8418, -9.2324, 0.3038

# Details

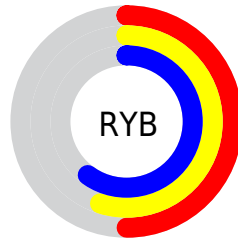
The Hex color **809798** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **988180**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **B5CDCE**, and **4E6465** is the 20% darker color. If you saturate the color by 10%, you get **719698**, and if you desaturate by 10%, it is **8F9898**.

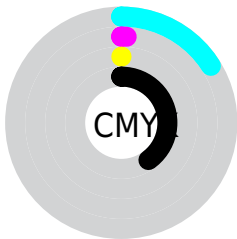
# Distribution



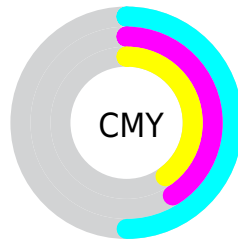
- Red (50%)
- Green (59%)
- Blue (60%)



- Red (50%)
- Yellow (55%)
- Blue (60%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (40%)



- Cyan (50%)
- Magenta (41%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 809798 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 809798 by changing the saturation by 10% instead.



■ 809798

FFFFFF

■ B5CDCE

■ D1E9EA

■ EDFFFF

■ 809798

■ 677D7E

■ 4E6465

■ 374C4D

■ 213637

■ 0C2021

■ 00060B

■ 000000

■ 809798

■ 719698

■ 809798

■ 8F9898

629698

9E9898

529598

AE9998

439498

BD9A98

349498

CC9A98

259398

DB9B98

169398

EA9B98

069298

FA9C98

009298

FF9D98

# Harmonies

## Analogous

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



839790



809798



82969E

# Triad

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



809798



9B8F9C



9B9184

# Complementary

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



809798



988180

# 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.



A18F87



809798



A18E95

# Square

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



809798



9291A0



A38E8D



939485

# Rectangle

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



809798



8695A1



A38E8D



9D9184



# Sweetspot

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



809798



BBC4C4



809881



5D6363



E3E3E3



636363



# Same Dimension

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



809798



9FC3C4



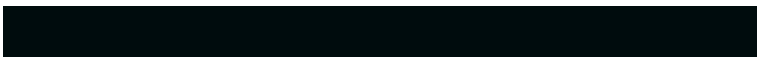
808B98



454C4D



00868C



000C0D



# Inverse Universe

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



988097



C49FC3



988D80



4D454C



8C0086



0D000C



# Previews

## White Background



This preview shows how the Hex color 809798 looks on a white background.

## Color Contrast Check

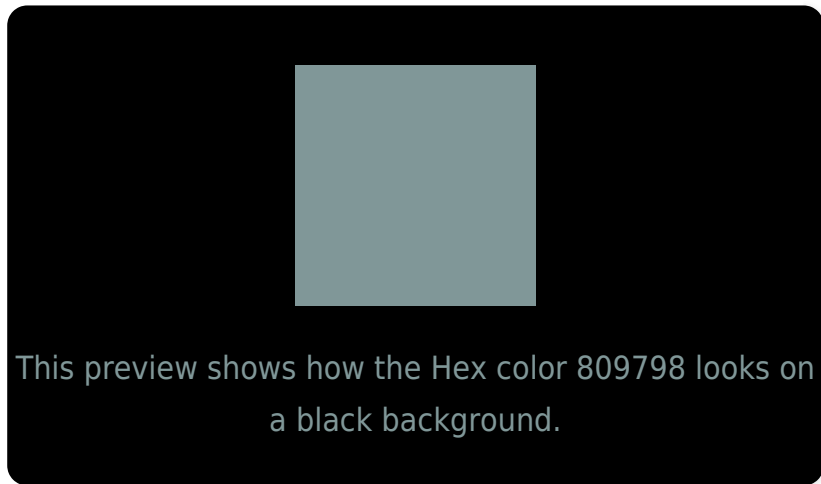
Large Text (above 18pt) WCAG AA ✓ Pass

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

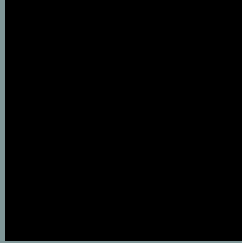
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 809798 Background



This preview shows how black text looks on a background with the Hex color 809798.

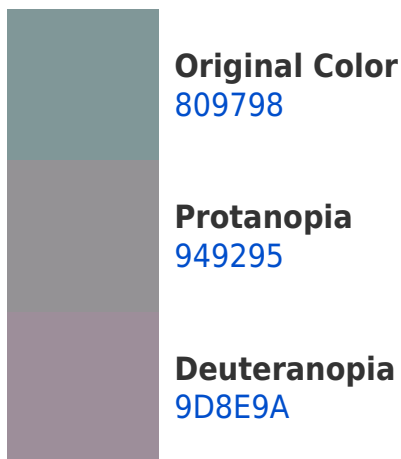


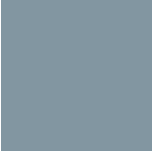
This preview shows how white text looks on a background with the Hex color 809798.

# 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](#).

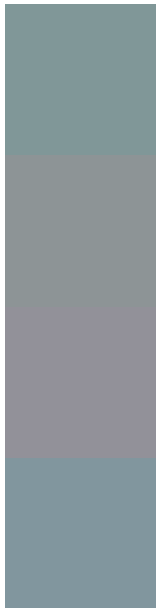
## Dichromacy





**Tritanopia**  
8296A1

# Trichromacy



**Original Color**  
809798

**Protanomaly**  
8D9496

**Deuteranomaly**  
929199

**Tritanomaly**  
81969E

# Monochromacy



**Original Color**  
809798

**Achromatopsia**  
909090

**Achromatomaly**  
8A9393

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 809798 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 #809798 looks like.

```
.text, #text, p{  
    color:#809798  
}
```

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 #809798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809798
}
```

## Border

The CSS property to change the border of an element to Hex 809798 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
#809798 }
```

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

```
.border{ border-color:#809798 }
```

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

Here you see how a box with a 4 pixel #809798 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809798; -webkit-box-shadow:4px 4px  
4px 4px #809798; box-shadow:4px 4px 4px  
4px #809798 }
```

# Background

The CSS property to change the background color of an element to Hex 809798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809798 }
```

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

```
.background{ background-color:#809798 }
```

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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