

# Converting Colors

Hex(889799)

Have a look what the booklet for  
Hex(889799) contains.

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# Color

**Hex(889799)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	889799
RGB	136, 151, 153
RGB Percent	53%, 59%, 60%
CMY	0.4667, 0.4078, 0.4000
CMYK	0.11, 0.01, 0.00, 0.40
HSL	187°, 8%, 57%
HSV	187°, 11%, 60%
XYZ	26.9697, 29.6674, 34.4419
YIQ	146.7430, -9.5820, -2.5580

# Conversions

## Conversions Part 2

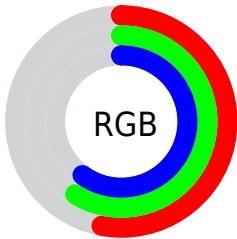
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 144, 153
Decimal	8951705
CIE <sub>Lab</sub>	61.37, -4.91, -2.88
CIE <sub>LCh</sub>	61, 5.696, 210.390
Yxy	29.6674, 0.2961, 0.3257
Android (android.graphics.Color)	4287141785 (0xFF889799)
YUV	146.7430, 3.0847, -9.4216
Hunter-Lab	54.4678, -6.9343, 0.6362

# Details

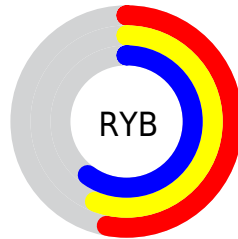
The Hex color **889799** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **998A88**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **BDCDCF**, and **566466** is the 20% darker color. If you saturate the color by 10%, you get **799599**, and if you desaturate by 10%, it is **979999**.

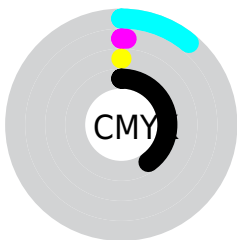
# Distribution



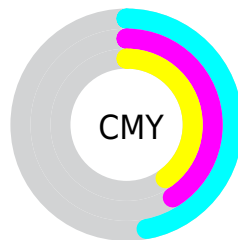
- Red (53%)
- Green (59%)
- Blue (60%)



- Red (53%)
- Yellow (56%)
- Blue (60%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (40%)



- Cyan (47%)
- Magenta (41%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 889799 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 889799 by changing the saturation by 10% instead.



■ 889799

■ 889799

FFFFFF

■ 6F7D7F

■ BDCDCF

■ 566466

■ D9E9EB

■ 3F4C4E

■ F6FFFF

■ 293637

■ 142022

■ 00090C

■ 000000

■ 889799

■ 889799

■ 799599

■ 979999

699399

A79B99

5A9299

B69C99

4B9099

C59E99

3C8E99

D4A099

2C8C99

E4A299

1D8A99

F3A499

0E8999

FFA599

008799

FFA799

# Harmonies

## Analogous

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



899794



889799



8A969D

# Triad

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



889799



9B9199



98948A

# Complementary

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



889799



998A88

# 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.



9D928C



889799



9F9194

# Square

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



889799



95939D



9F918F



93958B

# Rectangle

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



889799



8D959E



9F918F



9A938A



# Sweetspot

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



889799



C1C6C7



88998A



5F6363



E3E3E3



636363



# Same Dimension

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



889799



ADC4C7



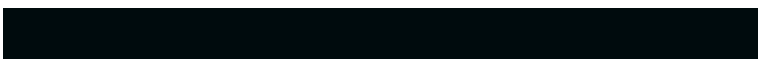
888F99



454C4D



007C8C



000B0D



# Inverse Universe

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



998897



C7ADC4



999288



4D454C



8C007C



0D000B



# Previews

## White Background



This preview shows how the Hex color 889799 looks on a white background.

## Color Contrast Check

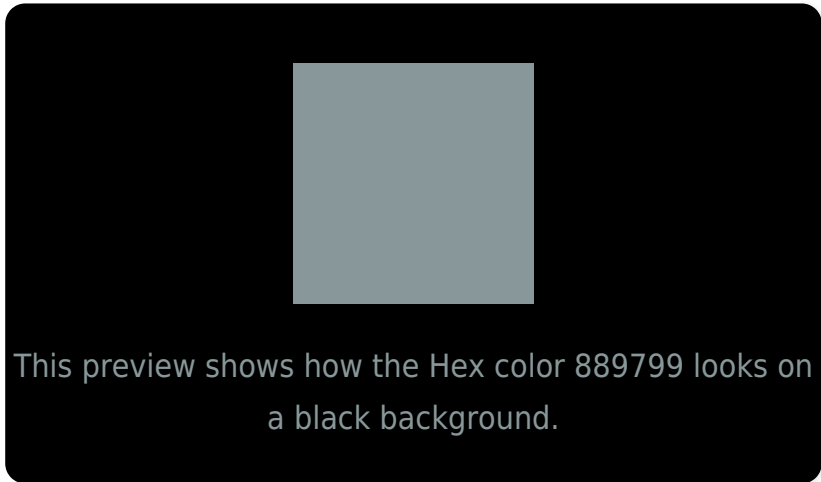
Large Text (above 18pt) WCAG AA ✓ Pass

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

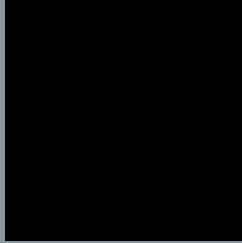
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

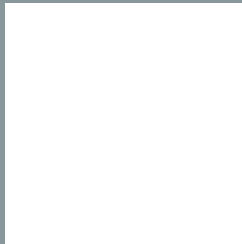
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 889799 Background



This preview shows how black text looks on a background with the Hex color 889799.

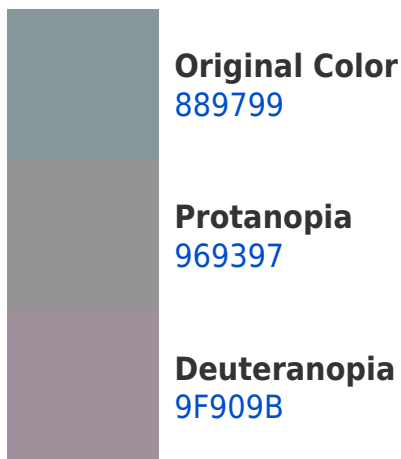


This preview shows how white text looks on a background with the Hex color 889799.

# 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**  
8A96A2

# Trichromacy



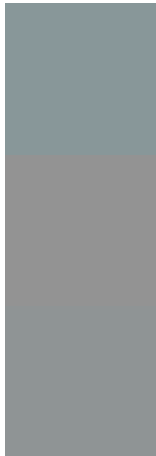
**Original Color**  
889799

**Protanomaly**  
919498

**Deuteranomaly**  
97939A

**Tritanomaly**  
89969F

# Monochromacy



**Original Color**  
889799

**Achromatopsia**  
939393

**Achromatomaly**  
8F9495

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 889799 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 #889799 looks like.

```
.text, #text, p{  
    color:#889799  
}
```

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 #889799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #889799
}
```

## Border

The CSS property to change the border of an element to Hex 889799 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
#889799 }
```

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

```
.border{ border-color:#889799 }
```

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

Here you see how a box with a 4 pixel #889799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #889799; -webkit-box-shadow:4px 4px  
4px 4px #889799; box-shadow:4px 4px 4px  
4px #889799 }
```

# Background

The CSS property to change the background color of an element to Hex 889799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#889799 }
```

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

```
.background{ background-color:#889799 }
```

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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