

# Converting Colors

Hex(81989C)

Have a look what the booklet for  
Hex(81989C) contains.

<b>Hex(81989C)</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(81989C)

# Conversions

## Conversions Part 1

Format	Color
Hex	81989C
RGB	129, 152, 156
RGB Percent	51%, 60%, 61%
CMY	0.4941, 0.4039, 0.3882
CMYK	0.17, 0.03, 0.00, 0.39
HSL	189°, 12%, 56%
HSV	189°, 17%, 61%
XYZ	26.2822, 29.5239, 35.7659
YIQ	145.5790, -14.9920, -3.6320

# Conversions

## Conversions Part 2

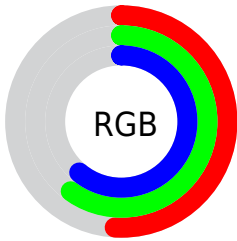
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 141, 156
Decimal	8493212
CIELab	61.24, -7.19, -4.82
CIELCh	61, 8.658, 213.841
Yxy	29.5239, 0.2870, 0.3224
Android (android.graphics.Color)	4286683292 (0xFF81989C)
YUV	145.5790, 5.1376, -14.5398
Hunter-Lab	54.3359, -8.7475, -0.9918

# Details

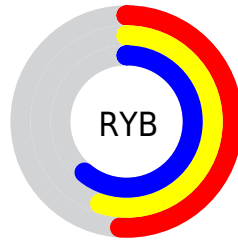
The Hex color **81989C** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9C8581**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B6CED2**, and **4F6569** is the 20% darker color. If you saturate the color by 10%, you get **71969C**, and if you desaturate by 10%, it is **919A9C**.

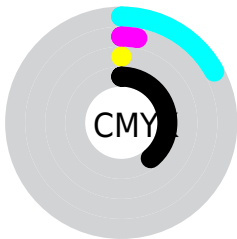
# Distribution



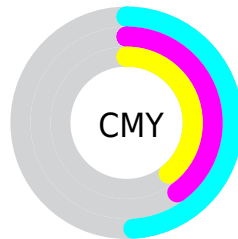
- Red (51%)
- Green (60%)
- Blue (61%)



- Red (51%)
- Yellow (55%)
- Blue (61%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (39%)



- Cyan (49%)
- Magenta (40%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81989C 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 81989C by changing the saturation by 10% instead.



■ 81989C

■ 81989C

FFFFFF

■ 687E82

■ B6CED2

■ 4F6569

■ D2EAEF

■ 384D51

■ EEEFFF

■ 22363A

■ 0C2124

■ 00090F

■ 000000

■ 81989C

■ 81989C

■ 71969C

■ 919A9C

62939C

A09D9C

52919C

B09F9C

438F9C

BFA19C

338C9C

CFA49C

238A9C

DFA69C

14889C

EEA89C

04869C

FEAA9C

00859C

FFAD9C

# Harmonies

## Analogous

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



829895



81989C



8596A1

# Triad

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



81989C



9F909B



999485

# Complementary

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



81989C



9C8581

# 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.



A09186



81989C



A48F93

# Square

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



81989C



9792A0



A48F8C



909687

# Rectangle

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



81989C



8A95A3



A48F8C



9C9385



# Sweetspot

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



81989C



C2CACC



819C85



606566



E6E6E6



666666



# Same Dimension

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



81989C



A1C6CC



818B9C



474E4F



007A8F



000D0F



# Inverse Universe

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



9C8198



CCA1C6



9C9281



4F474E



8F007A



0F000D



# Previews

## White Background



This preview shows how the Hex color 81989C looks on a white background.

## Color Contrast Check

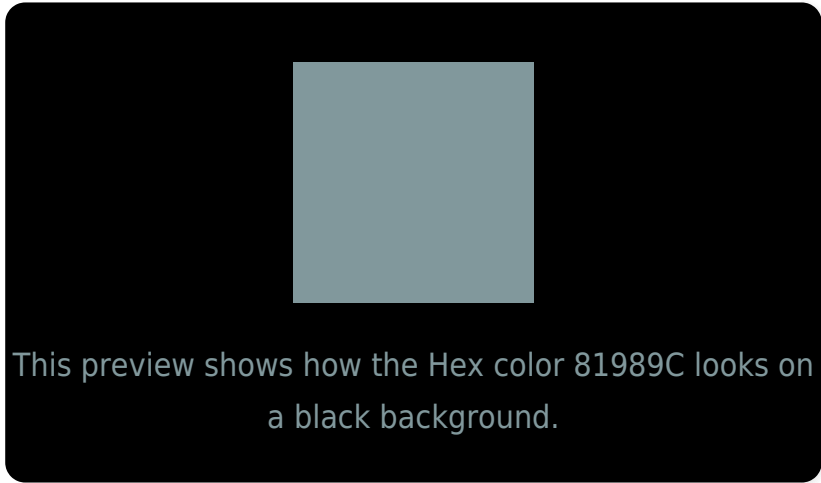
Large Text (above 18pt) WCAG AA ✓ Pass

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

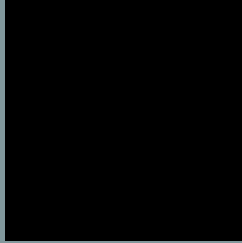
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

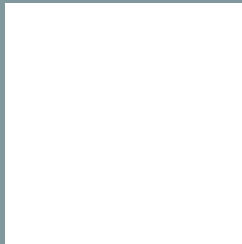
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 81989C Background



This preview shows how black text looks on a background with the Hex color 81989C.

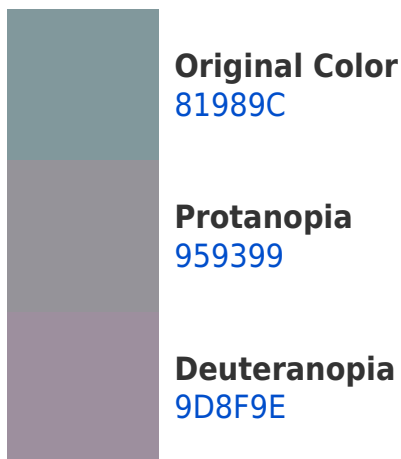


This preview shows how white text looks on a background with the Hex color 81989C.

# 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**  
8297A3

# Trichromacy



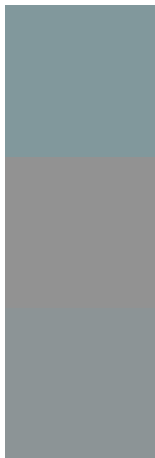
**Original Color**  
81989C

**Protanomaly**  
8E959A

**Deuteranomaly**  
93929D

**Tritanomaly**  
8297A0

# Monochromacy



**Original Color**  
81989C

**Achromatopsia**  
929292

**Achromatomaly**  
8C9496

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81989C 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 #81989C looks like.

```
.text, #text, p{  
    color:#81989C  
}
```

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 #81989C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81989C
}
```

## Border

The CSS property to change the border of an element to Hex 81989C 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
#81989C }
```

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

```
.border{ border-color:#81989C }
```

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

Here you see how a box with a 4 pixel #81989C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81989C; -webkit-box-shadow:4px 4px  
4px 4px #81989C; box-shadow:4px 4px 4px  
4px #81989C }
```

# Background

The CSS property to change the background color of an element to Hex 81989C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81989C }
```

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

```
.background{ background-color:#81989C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor