

# Converting Colors

Hex(889E9A)

Have a look what the booklet for  
Hex(889E9A) contains.

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# **Color**

**Hex(889E9A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	889E9A
RGB	136, 158, 154
RGB Percent	53%, 62%, 60%
CMY	0.4667, 0.3804, 0.3961
CMYK	0.14, 0.00, 0.03, 0.38
HSL	169°, 10%, 58%
HSV	169°, 14%, 62%
XYZ	28.2129, 32.0211, 35.2656
YIQ	150.9660, -11.8280, -5.9080

# Conversions

## Conversions Part 2

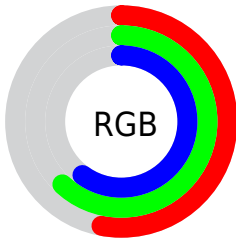
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 148, 158
Decimal	8953498
CIELab	63.36, -8.54, -0.52
CIELCh	63, 8.552, 183.495
Yxy	32.0211, 0.2954, 0.3353
Android (android.graphics.Color)	4287143578 (0xFF889E9A)
YUV	150.9660, 1.4958, -13.1252
Hunter-Lab	56.5871, -10.0319, 2.6610

# Details

The Hex color **889E9A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9E888C**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **BDD5D0**, and **566B67** is the 20% darker color. If you saturate the color by 10%, you get **789E97**, and if you desaturate by 10%, it is **989E9D**.

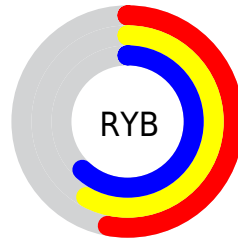
# Distribution



Red (53%)

Green (62%)

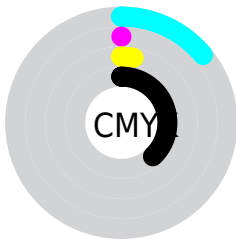
Blue (60%)



Red (53%)

Yellow (58%)

Blue (62%)

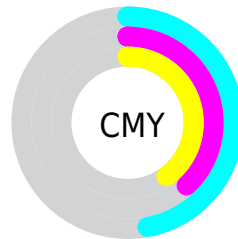


Cyan (14%)

Magenta (0%)

Yellow (3%)

Black (38%)



Cyan (47%)

Magenta (38%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 889E9A 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 889E9A by changing the saturation by 10% instead.





889E9A



889E9A

FFFFFF



6F8480



BDD5D0



566B67



D9F1ED



3E524F



F6FFFF



283B38



132623



00110D



000000



889E9A



889E9A



789E97



989E9D

689E94

A89EA0

599E91

B79EA3

499E8F

C79EA5

399E8C

D79EA8

299E89

E79EAB

199E86

F79EAE

0A9E83

FF9EB1

009E81

FF9EB4

# Harmonies

## Analogous

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



8E9D92



889E9A



879EA1

# Triad

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



889E9A



9C97A6



A6978C

# Complementary

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



889E9A



9E888C

# 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.



AA9591



889E9A



A495A0

# Square

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



889E9A



939AA8



A99499



9F998A

# Rectangle

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



889E9A



899DA5



A99499



A8968D



# Sweetspot

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



889E9A



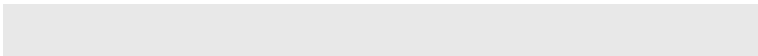
C6CFCD



8C9E88



636968



E8E8E8



696969



# Same Dimension

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



889E9A



ABCFC8



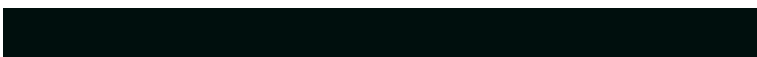
88979E



474F4E



008F75



000F0D



# Inverse Universe

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



9E888C



CFABB2



9E8F88



4F4749



8F001A



0F0003



# Previews

## White Background



This preview shows how the Hex color 889E9A looks on a white background.

## Color Contrast Check

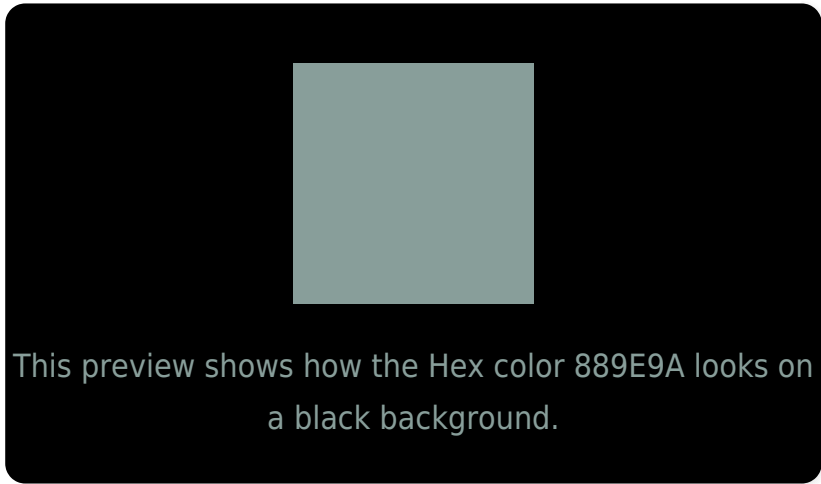
Large Text (above 18pt) WCAG AA × Fail

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

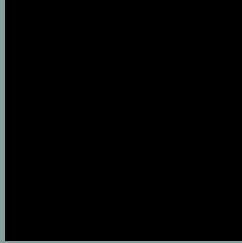
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

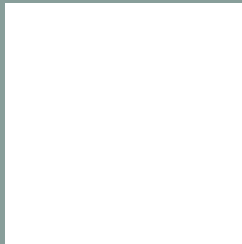
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 889E9A Background



This preview shows how black text looks on a background with the Hex color 889E9A.

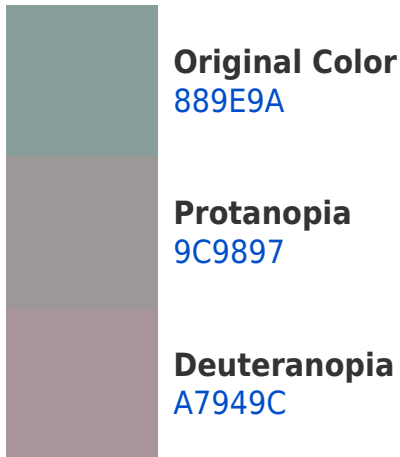


This preview shows how white text looks on a background with the Hex color 889E9A.

# 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**  
8B9CA8

# Trichromacy



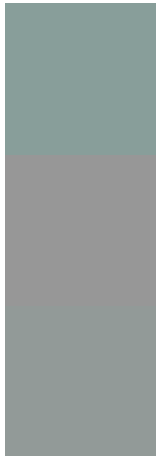
**Original Color**  
889E9A

**Protanomaly**  
959A98

**Deuteranomaly**  
9C989B

**Tritanomaly**  
8A9DA3

# Monochromacy



**Original Color**  
889E9A

**Achromatopsia**  
979797

**Achromatomaly**  
929A98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 889E9A 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 #889E9A looks like.

```
.text, #text, p{  
    color:#889E9A  
}
```

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 #889E9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #889E9A
}
```

## Border

The CSS property to change the border of an element to Hex 889E9A 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
#889E9A }
```

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

```
.border{ border-color:#889E9A }
```

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

Here you see how a box with a 4 pixel #889E9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #889E9A; -webkit-box-shadow:4px 4px  
4px 4px #889E9A; box-shadow:4px 4px 4px  
4px #889E9A }
```

# Background

The CSS property to change the background color of an element to Hex 889E9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#889E9A }
```

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

```
.background{ background-color:#889E9A }
```

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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