

# Converting Colors

Hex(899BAF)

Have a look what the booklet for  
Hex(899BAF) contains.

<b>Hex(899BAF)</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(899BAF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	899BAF
RGB	137, 155, 175
RGB Percent	54%, 61%, 69%
CMY	0.4627, 0.3922, 0.3137
CMYK	0.22, 0.11, 0.00, 0.31
HSL	212°, 19%, 61%
HSV	212°, 22%, 69%
XYZ	29.7757, 31.8562, 45.1370
YIQ	151.8980, -17.1480, 2.4040

# Conversions

## Conversions Part 2

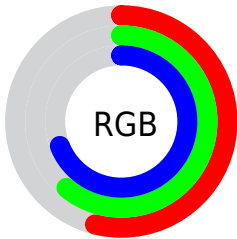
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">137, 149, 175</a>
Decimal	<a href="#">9018287</a>
CIELab	<a href="#">63.22, -1.90, -12.53</a>
CIElCh	<a href="#">63, 12.677, 261.379</a>
Yxy	<a href="#">31.8562, 0.2789, 0.2984</a>
Android (android.graphics.Color)	<a href="#">4287208367 (0xFF899BAF)</a>
YUV	<a href="#">151.8980, 11.3893, -13.0655</a>
Hunter-Lab	<a href="#">56.4413, -4.6042, -7.9062</a>

# Details

The Hex color **899BAF** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AF9D89**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **BFD1E7**, and **56687B** is the 20% darker color. If you saturate the color by 10%, you get **7892AF**, and if you desaturate by 10%, it is **9BA4AF**.

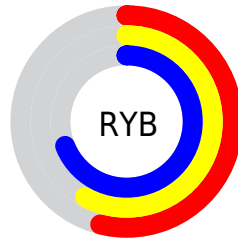
# Distribution



Red (54%)

Green (61%)

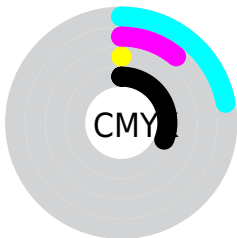
Blue (69%)



Red (54%)

Yellow (58%)

Blue (69%)

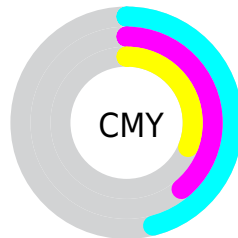


Cyan (22%)

Magenta (11%)

Yellow (0%)

Black (31%)



Cyan (46%)

Magenta (39%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 899BAF 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 899BAF by changing the saturation by 10% instead.



■ 899BAF

FFFFFF

■ BFD1E7

■ DBEEFF

■ F7FFFF

■ 899BAF

■ 6F8194

■ 56687B

■ 3E5062

■ 27394A

■ 112433

■ 000E1E

■ 000002

■ 000000

■ 899BAF

■ 899BAF

7892AF

9BA4AF

6689AF

ACADAF

557FAF

BDB7AF

4376AF

CFC0AF

316DAF

E1C9AF

2064AF

F2D2AF

0E5BAF

FFDBAF

0053AF

FFE5AF

FFEEAF

# Harmonies

## Analogous

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



7F9EAA



899BAF



9797AE

# Triad

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



899BAF



B19291



8C9E8B

# Complementary

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



899BAF



AF9D89

# 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.



999B84



899BAF



AE9488

# Square

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



899BAF



AE929D



A59783



82A095

# Rectangle

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



899BAF



A095AA



A59783



919D88

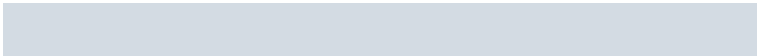


# Sweetspot

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



899BAF



D3DBE3



89AF9D



6A6E73



F2F2F2



737373



# Same Dimension

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



899BAF



A8C4E3



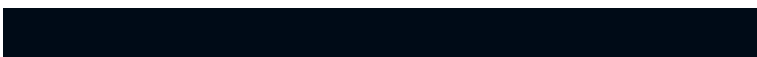
8A89AF



4E5257



004796



000B17



# Inverse Universe

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



AF899B



E3A8C4



AEAF89



574E52



960047

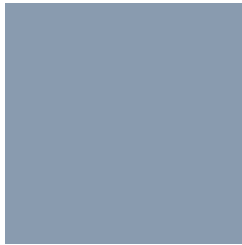


17000B



# Previews

## White Background



This preview shows how the Hex color 899BAF looks on a white background.

## Color Contrast Check

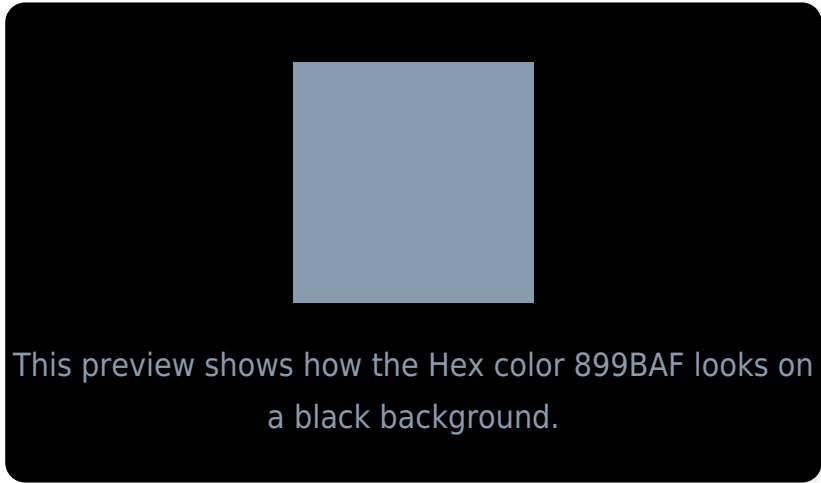
Large Text (above 18pt) WCAG AA × Fail

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

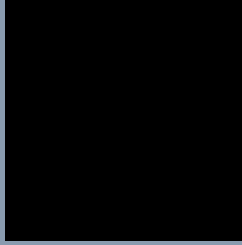
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

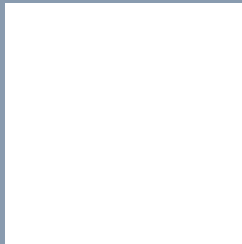
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 899BAF Background



This preview shows how black text looks on a background with the Hex color 899BAF.

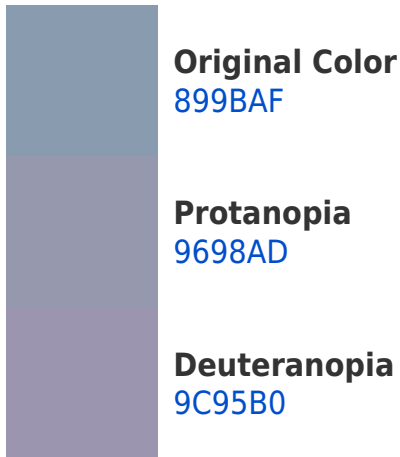


This preview shows how white text looks on a background with the Hex color 899BAF.

# 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**  
889CA9

# Trichromacy



**Original Color**  
899BAF

**Protanomaly**  
9199AE

**Deuteranomaly**  
9597B0

**Tritanomaly**  
889CAB

# Monochromacy



**Original Color**  
899BAF

**Achromatopsia**  
989898

**Achromatomaly**  
9399A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 899BAF 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 #899BAF looks like.

```
.text, #text, p{  
    color:#899BAF  
}
```

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 #899BAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #899BAF
}
```

## Border

The CSS property to change the border of an element to Hex 899BAF 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
#899BAF }
```

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

```
.border{ border-color:#899BAF }
```

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

Here you see how a box with a 4 pixel #899BAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #899BAF; -webkit-box-shadow:4px 4px  
4px 4px #899BAF; box-shadow:4px 4px 4px  
4px #899BAF }
```

# Background

The CSS property to change the background color of an element to Hex 899BAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#899BAF }
```

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

```
.background{ background-color:#899BAF }
```

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