

Converting Colors

Hex(899CAA)

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

Hex(899CAA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(899CAA)

Conversions

Conversions Part 1

Format	Color
Hex	899CAA
RGB	137, 156, 170
RGB Percent	54%, 61%, 67%
CMY	0.4627, 0.3882, 0.3333
CMYK	0.19, 0.08, 0.00, 0.33
HSL	205°, 16%, 60%
HSV	205°, 19%, 67%
XYZ	29.4607, 31.9976, 42.6536
YIQ	151.9150, -15.8180, 0.3260

Conversions

Conversions Part 2

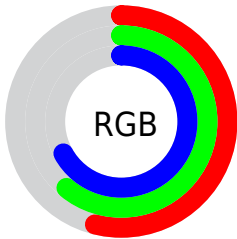
Format	Color
RYB	137, 149, 170
Decimal	9018538
CIELab	63.34, -3.61, -9.54
CIELCh	63, 10.204, 249.302
Yxy	31.9976, 0.2830, 0.3073
Android (android.graphics.Color)	4287208618 (0xFF899CAA)
YUV	151.9150, 8.9159, -13.0805
Hunter-Lab	56.5664, -6.0255, -5.1108

Details

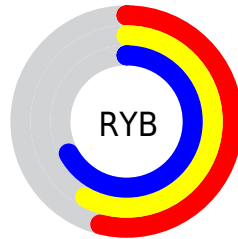
The Hex color **899CAA** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AA9789**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **BFD2E1**, and **576976** is the 20% darker color. If you saturate the color by 10%, you get **7895AA**, and if you desaturate by 10%, it is **9AA3AA**.

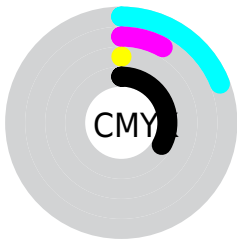
Distribution



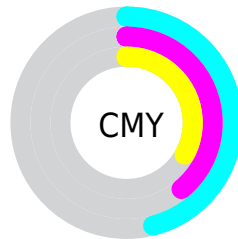
- Red (54%)
- Green (61%)
- Blue (67%)



- Red (54%)
- Yellow (58%)
- Blue (67%)



- Cyan (19%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)



- Cyan (46%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients

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



899CAA



899CAA

FFFFFF



6F8290



BFD2E1



576976



DBEFFE



3F515D



F7FFFF



283A46



12242F



000F1B



000000



899CAA



899CAA



7895AA



9AA3AA

678EAA

ABAAAA

5686AA

BCB2AA

457FAA

CDB9AA

3478AA

DEC0AA

2371AA

EFC7AA

126AAA

FFCEAA

0162AA

FFD6AA

0062AA

FFDDAA

Harmonies

Analogous

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



839EA4



899CAA



9399AB

Triad

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



899CAA



AD9397



939C8B

Complementary

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



899CAA



AA9789

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.



9E9A87



899CAA



AC948E

Square

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



899CAA



A894A0



A79789



8A9E93

Rectangle

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



899CAA



9B97A9



A79789



979B89

Sweetspot

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



899CAA



D1D8DE



89AA97



686D70



F0F0F0



707070

Same Dimension

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



899CAA



ABC8DE



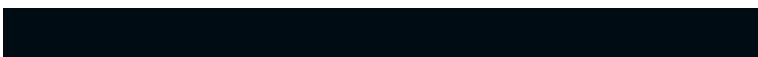
898CAA



4C5154



005594



000C14

Inverse Universe

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



AA899C



DEABC8



AAA789



544C51



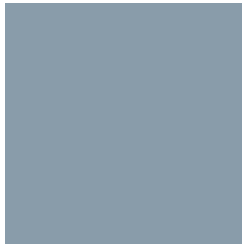
940055



14000C

Previews

White Background



This preview shows how the Hex color 899CAA 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

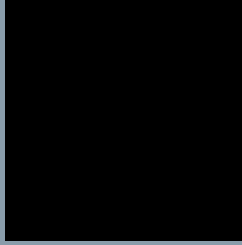
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

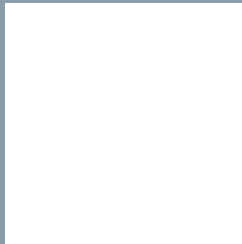
Any Text WCAG AAA ✓ Pass

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

Hex 899CAA Background



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

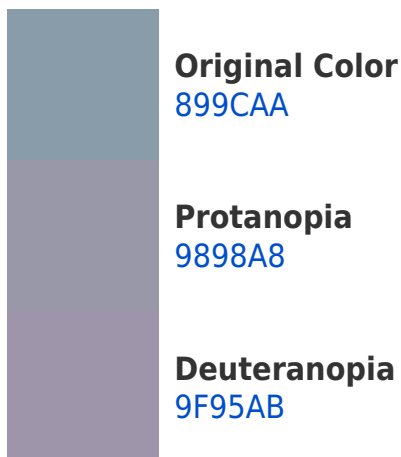


This preview shows how white text looks on a background with the Hex color 899CAA.

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
899CA9

Trichromacy



Original Color
899CAA

Protanomaly
9399A9

Deuteranomaly
9798AB

Tritanomaly
899CA9

Monochromacy



Original Color
899CAA

Achromatopsia
989898

Achromatomaly
93999F

CSS Examples

Text

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

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

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 #899CAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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