

# Converting Colors

Hex(869CAA)

Have a look what the booklet for  
Hex(869CAA) contains.

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# **Color**

**Hex(869CAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	869CAA
RGB	134, 156, 170
RGB Percent	53%, 61%, 67%
CMY	0.4745, 0.3882, 0.3333
CMYK	0.21, 0.08, 0.00, 0.33
HSL	203°, 17%, 60%
HSV	203°, 21%, 67%
XYZ	28.9757, 31.7475, 42.6309
YIQ	151.0180, -17.6060, -0.3100

# Conversions

## Conversions Part 2

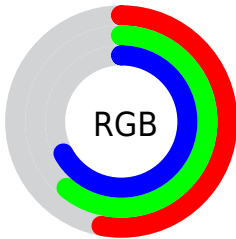
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 148, 170
Decimal	8821930
CIELab	63.13, -4.58, -9.88
CIElCh	63, 10.887, 245.119
Yxy	31.7475, 0.2804, 0.3072
Android (android.graphics.Color)	4287012010 (0xFF869CAA)
YUV	151.0180, 9.3581, -14.9248
Hunter-Lab	56.3450, -6.8092, -5.4177

# Details

The Hex color **869CAA** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AA9486**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **BCD2E1**, and **546976** is the 20% darker color. If you saturate the color by 10%, you get **7595AA**, and if you desaturate by 10%, it is **97A3AA**.

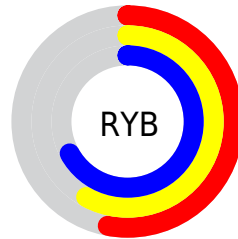
# Distribution



Red (53%)

Green (61%)

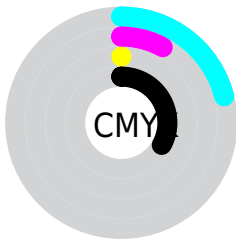
Blue (67%)



Red (53%)

Yellow (58%)

Blue (67%)

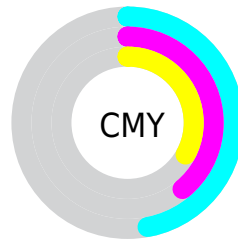


Cyan (21%)

Magenta (8%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (39%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 869CAA 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 869CAA by changing the saturation by 10% instead.



 869CAA

 869CAA

FFFFFF

 6C8290

 BCD2E1

 546976

 D8EFFE

 3C515D

 F4FFFF

 253A46

 0E242F

 000F1B

 000000

 869CAA

 869CAA

 7595AA

 97A3AA

648FAA

A8A9AA

5388AA

B9B0AA

4282AA

CAB6AA

317BAA

DBBDAA

2074AA

ECC4AA

0F6EAA

FDCAAA

0068AA

FFD1AA

FFD7AA

# Harmonies

## Analogous

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



819EA4



869CAA



9199AC

# Triad

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



869CAA



AD9297



949C89

# Complementary

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



869CAA



AA9486

# 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.



9F9986



869CAA



AD938E

# Square

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



869CAA



A793A1



A89588



899E90

# Rectangle

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



869CAA



9997AA



A89588



989B87



# Sweetspot

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



869CAA



D1D9DE



86AA94



686D70



F0F0F0



707070



# Same Dimension

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



869CAA



A6C8DE



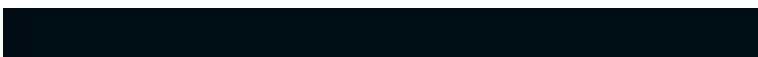
868AAA



4C5154



005A94



000C14



# Inverse Universe

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



AA869C



DEA6C8



AAA686



544C51



94005A



14000C



# Previews

## White Background



This preview shows how the Hex color 869CAA looks on a white background.

## Color Contrast Check

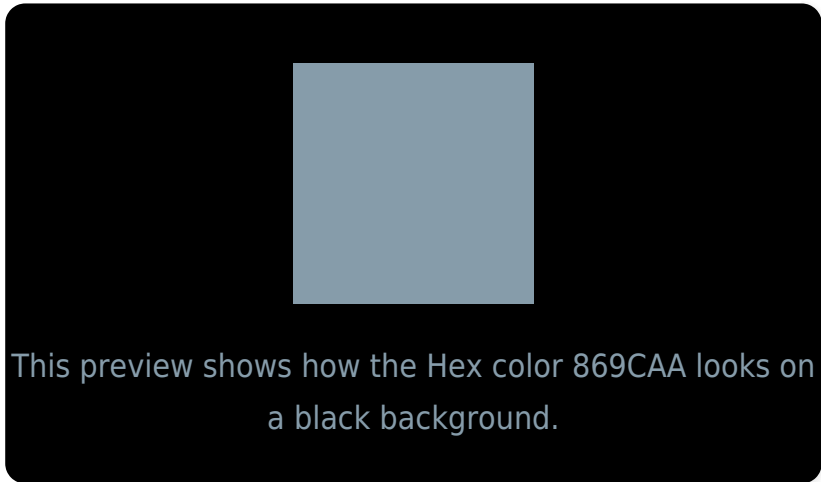
Large Text (above 18pt) WCAG AA × Fail

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

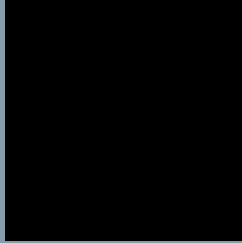
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

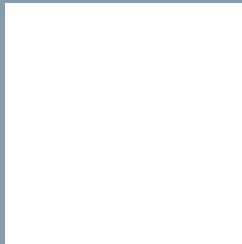
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 869CAA Background



This preview shows how black text looks on a background with the Hex color 869CAA.

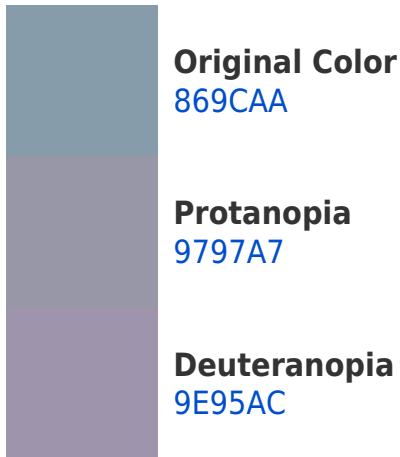


This preview shows how white text looks on a background with the Hex color 869CAA.

# 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](#).

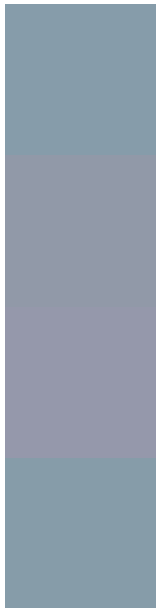
## Dichromacy





**Tritanopia**  
869CA9

# Trichromacy



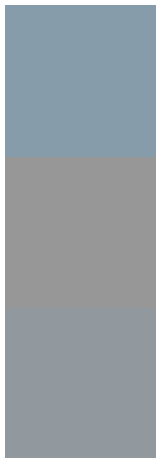
**Original Color**  
869CAA

**Protanomaly**  
9199A8

**Deuteranomaly**  
9598AB

**Tritanomaly**  
869CA9

# Monochromacy



**Original Color**  
869CAA

**Achromatopsia**  
979797

**Achromatomaly**  
91999E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 869CAA 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 #869CAA looks like.

```
.text, #text, p{  
    color:#869CAA  
}
```

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 #869CAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #869CAA
}
```

## Border

The CSS property to change the border of an element to Hex 869CAA 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
#869CAA }
```

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

```
.border{ border-color:#869CAA }
```

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

Here you see how a box with a 4 pixel #869CAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #869CAA; -webkit-box-shadow:4px 4px  
4px 4px #869CAA; box-shadow:4px 4px 4px  
4px #869CAA }
```

# Background

The CSS property to change the background color of an element to Hex 869CAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#869CAA }
```

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

```
.background{ background-color:#869CAA }
```

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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