

# Converting Colors

Hex(868CAA)

Have a look what the booklet for  
Hex(868CAA) contains.

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# Color

**Hex(868CAA)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 868CAA                     |
| RGB           | 134, 140, 170              |
| RGB Percent   | 53%, 55%, 67%              |
| CMY           | 0.4745, 0.4510, 0.3333     |
| CMYK          | 0.21, 0.18, 0.00, 0.33     |
| HSL           | 230°, 17%, 60%             |
| HSV           | 230°, 21%, 67%             |
| XYZ           | 26.4653, 26.7268, 41.7941  |
| YIQ           | 141.6260, -13.2060, 8.0580 |

# Conversions

## Conversions Part 2

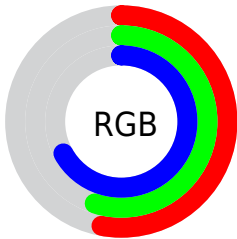
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 134, 139, 170                 |
| Decimal                             | 8817834                       |
| CIELab                              | 58.72, 4.43, -16.52           |
| CIELCh                              | 59, 17.105, 285.004           |
| Yxy                                 | 26.7268, 0.2786,<br>0.2814    |
| Android<br>(android.graphics.Color) | 4287007914<br>(0xFF868CAA)    |
| YUV                                 | 141.6260, 13.9884,<br>-6.6880 |
| Hunter-Lab                          | 51.6979, 0.9066,<br>-11.7432  |

# Details

The Hex color **868CAA** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **AAA486**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **BCC1E1**, and **545A76** is the 20% darker color. If you saturate the color by 10%, you get **757EAA**, and if you desaturate by 10%, it is **979AAA**.

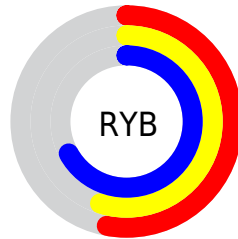
# Distribution



Red (53%)

Green (55%)

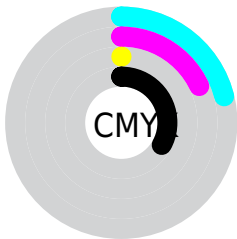
Blue (67%)



Red (53%)

Yellow (55%)

Blue (67%)

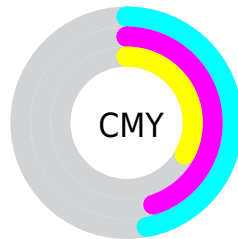


Cyan (21%)

Magenta (18%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (45%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 868CAA 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 868CAA by changing the saturation by 10% instead.





868CAA



868CAA

FFFFFF



6C738F



BCC1E1



545A76



D7DDFE



3C435D



F4FAFF



252D45



0F182F



00011A



000000



868CAA



868CAA



757EAA



979AAA

6470AA

A8A8AA

5362AA

B9B6AA

4253AA

CAC5AA

3145AA

DBD3AA

2037AA

ECE1AA

0F29AA

FDEFAA

001CAA

FFFDAA

FFFFAA

# Harmonies

## Analogous

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



7391AA



868CAA



9987A3

# Triad

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



868CAA



AA8579



709585

# Complementary

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



868CAA



AAA486

# 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.



809378



868CAA



A08A71

# Square

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



868CAA



AC8386



918F70



659694

# Rectangle

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



868CAA



A3849A



918F70



759580



# Sweetspot

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



868CAA



D1D3DE



86AAA4



686A70



F0F0F0



707070



# Same Dimension

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



868CAA



A6B0DE



9286AA



4C4D54



001994



000314



# Inverse Universe

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



AA868C



DEA6B0



9EAA86



544C4D



940019

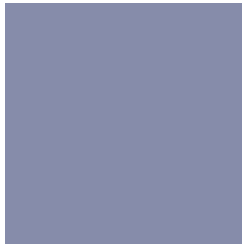


140003



# Previews

## White Background



This preview shows how the Hex color 868CAA looks on a white background.

## Color Contrast Check

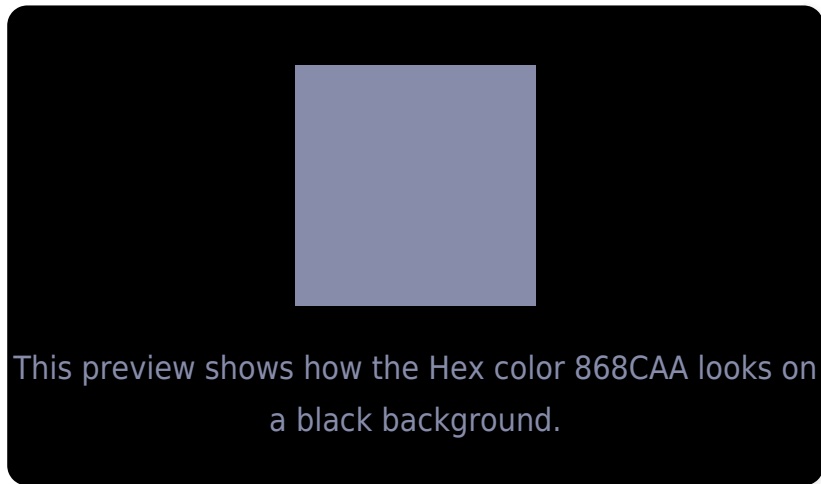
Large Text (above 18pt) WCAG AA ✓ Pass

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

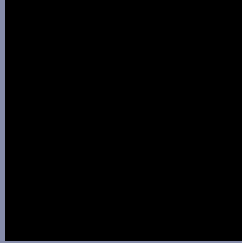
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

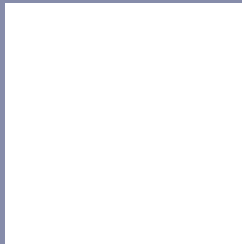
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 868CAA Background



This preview shows how black text looks on a background with the Hex color 868CAA.



This preview shows how white text looks on a background with the Hex color 868CAA.

# 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



**Original Color**

868CAA

**Protanopia**

878CAA

**Deuteranopia**

8C8AAA



**Tritanopia**  
838F9A

# Trichromacy



**Original Color**  
868CAA

**Protanomaly**  
878CAA

**Deuteranomaly**  
8A8BAA

**Tritanomaly**  
848EAO

# Monochromacy



**Original Color**  
868CAA

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
8B8D98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 868CAA 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 #868CAA looks like.

```
.text, #text, p{  
    color:#868CAA  
}
```

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 #868CAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #868CAA
}
```

## Border

The CSS property to change the border of an element to Hex 868CAA 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
#868CAA }
```

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

```
.border{ border-color:#868CAA }
```

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

Here you see how a box with a 4 pixel #868CAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #868CAA; -webkit-box-shadow:4px 4px  
4px 4px #868CAA; box-shadow:4px 4px 4px  
4px #868CAA }
```

# Background

The CSS property to change the background color of an element to Hex 868CAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#868CAA }
```

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

```
.background{ background-color:#868CAA }
```

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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