

Converting Colors

Hex(99AAC8)

Have a look what the booklet for
Hex(99AAC8) contains.

Hex(99AAC8)	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(99AAC8)

Conversions

Conversions Part 1

Format	Color
Hex	99AAC8
RGB	153, 170, 200
RGB Percent	60%, 67%, 78%
CMY	0.4000, 0.3333, 0.2157
CMYK	0.24, 0.15, 0.00, 0.22
HSL	218°, 30%, 69%
HSV	218°, 24%, 78%
XYZ	37.9369, 39.6919, 60.3054
YIQ	168.3370, -19.7620, 5.7260

Conversions

Conversions Part 2

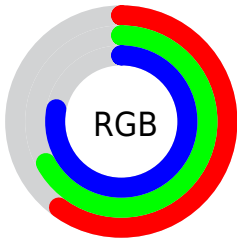
Format	Color
RYB	153, 165, 200
Decimal	10070728
CIELab	69.25, 0.68, -17.26
CIElCh	69, 17.278, 272.268
Yxy	39.6919, 0.2750, 0.2878
Android (android.graphics.Color)	4288260808 (0xFF99AAC8)
YUV	168.3370, 15.6099, -13.4505
Hunter-Lab	63.0015, -2.7672, -12.6517

Details

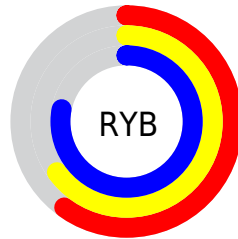
The Hex color **99AAC8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C8B799**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D0E1FF**, and **657692** is the 20% darker color. If you saturate the color by 10%, you get **859DC8**, and if you desaturate by 10%, it is **ADB7C8**.

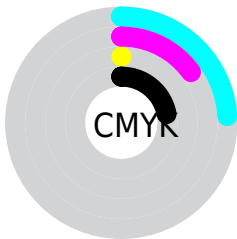
Distribution



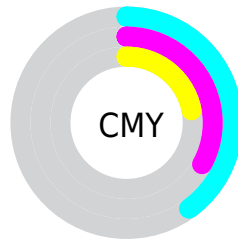
- Red (60%)
- Green (67%)
- Blue (78%)



- Red (60%)
- Yellow (65%)
- Blue (78%)



- Cyan (24%)
- Magenta (15%)
- Yellow (0%)
- Black (22%)



- Cyan (40%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99AAC8 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 99AAC8 by changing the saturation by 10% instead.

■ 99AAC8

■ 99AAC8

FFFFFF

■ 7F90AD

■ D0E1FF

■ 657692

■ ECFEFF

■ 4C5D78

■ 34465F

■ 1D3048

■ 041B31

■ 00021C

■ 000000

■ 99AAC8

■ 99AAC8

859DC8

ADB7C8

7190C8

C1C4C8

5D84C8

D5D0C8

4977C8

E9DDC8

356AC8

FDEAC8

215DC8

FFF7C8

0D51C8

FFFFC8

0048C8

Harmonies

Analogous

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



87AFC4



99AAC8



ADA5C3

Triad

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



99AAC8



C99F99



91B19A

Complementary

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



99AAC8



C8B799

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.



A3AD8E



99AAC8



C2A38E

Square

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



99AAC8



C89EA8



B4A88A



84B2AA

Rectangle

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



99AAC8



BAA1BC



B4A88A



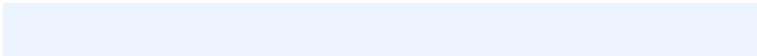
97B096

Sweetspot

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



99AAC8



EDF4FF



99C8B7



757980



000000



808080

Same Dimension

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



99AAC8



B8D1FF



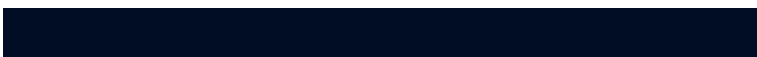
9F99C8



5A5D63



003BA3



000D24

Inverse Universe

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



C899AA



FFB8D1



C2C899



635A5D



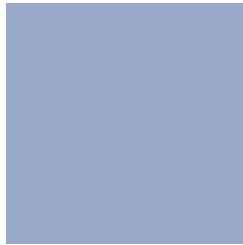
A3003B



24000D

Previews

White Background



This preview shows how the Hex color 99AAC8 looks on a white background.

Color Contrast Check

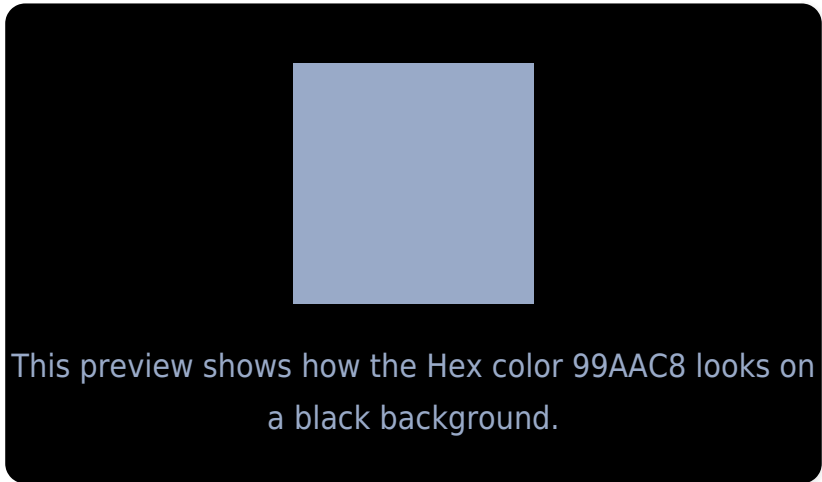
Large Text (above 18pt) WCAG AA × Fail

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

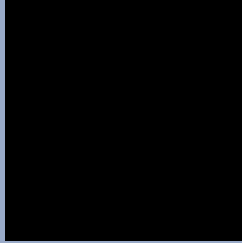
Any Text WCAG AA ✓ Pass

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 99AAC8 Background



This preview shows how black text looks on a background with the Hex color 99AAC8.

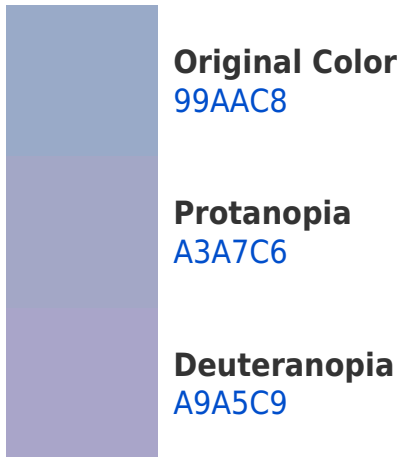


This preview shows how white text looks on a background with the Hex color 99AAC8.

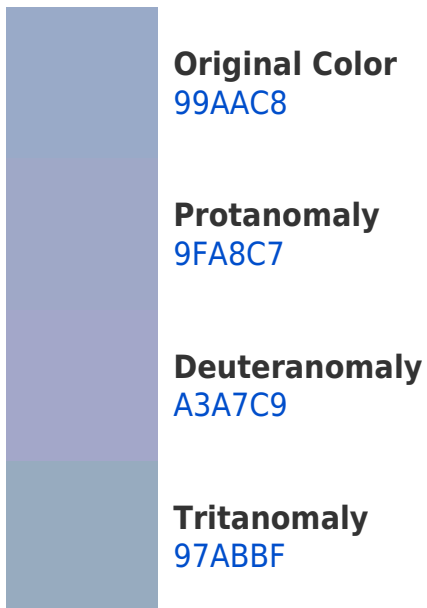
Color Blindness Simulation

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](#).

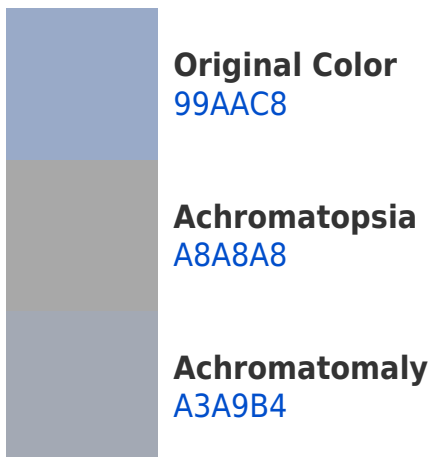
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99AAC8 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 #99AAC8 looks like.

```
.text, #text, p{  
    color:#99AAC8  
}
```

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 #99AAC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99AAC8  
}
```

Border

The CSS property to change the border of an element to Hex 99AAC8 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  
#99AAC8 }
```

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

```
.border{ border-color:#99AAC8 }
```

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

Here you see how a box with a 4 pixel #99AAC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99AAC8; -webkit-box-shadow:4px 4px  
4px 4px #99AAC8; box-shadow:4px 4px 4px  
4px #99AAC8 }
```

Background

The CSS property to change the background color of an element to Hex 99AAC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99AAC8 }
```

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

```
.background{ background-color:#99AAC8 }
```

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