

Converting Colors

Hex(99A8CC)

Have a look what the booklet for
Hex(99A8CC) contains.

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Color

Hex(99A8CC)

Conversions

Conversions Part 1

Format	Color
Hex	99A8CC
RGB	153, 168, 204
RGB Percent	60%, 66%, 80%
CMY	0.4000, 0.3412, 0.2000
CMYK	0.25, 0.18, 0.00, 0.20
HSL	222°, 33%, 70%
HSV	222°, 25%, 80%
XYZ	38.0386, 39.1372, 62.6761
YIQ	167.6190, -20.4960, 8.0160

Conversions

Conversions Part 2

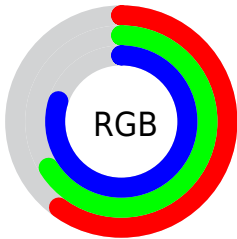
Format	Color
RYB	153, 165, 204
Decimal	10070220
CIELab	68.85, 2.73, -20.08
CIELCh	69, 20.262, 277.749
Yxy	39.1372, 0.2720, 0.2798
Android (android.graphics.Color)	4288260300 (0xFF99A8CC)
YUV	167.6190, 17.9358, -12.8209
Hunter-Lab	62.5597, -0.9451, -15.6085

Details

The Hex color **99A8CC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CCBD99**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **D0DFFF**, and **657496** is the 20% darker color. If you saturate the color by 10%, you get **859ACC**, and if you desaturate by 10%, it is **ADB6CC**.

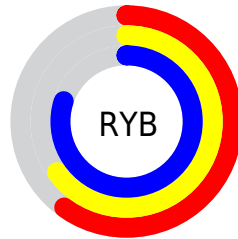
Distribution



Red (60%)

Green (66%)

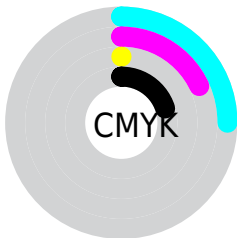
Blue (80%)



Red (60%)

Yellow (65%)

Blue (80%)

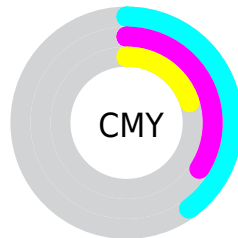


Cyan (25%)

Magenta (18%)

Yellow (0%)

Black (20%)



Cyan (40%)

Magenta (34%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99A8CC 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 99A8CC by changing the saturation by 10% instead.

■ 99A8CC

■ 99A8CC

FFFFFF

■ 7F8EB1

■ D0DFFF

■ 657496

■ EDFCFF

■ 4C5C7C

■ 344463

■ 1C2E4B

■ 021A34

■ 00021F

■ 000002

■ 000000

 99A8CC

 99A8CC

 859ACC

 ADB6CC

 708BCC

 C2C5CC

 5C7DCC

 D6D3CC

 476ECC

 EBE2CC

 3360CC

 FFF0CC

 1F52CC

 FFFECC

 0A43CC

 FFFFCC

 003CCC

Harmonies

Analogous

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



82AEC9



99A8CC



B1A2C5

Triad

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



99A8CC



CC9D92



88B19A

Complementary

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



99A8CC



CCBD99

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.



9DAE8B



99A8CC



C2A287

Square

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



99A8CC



CD9BA4



B1A884



79B3AC

Rectangle

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



99A8CC



BF9EBC



B1A884



8FB094

Sweetspot

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



99A8CC



EBF1FF



99CCBD



737780



000000



808080

Same Dimension

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



99A8CC



B3C9FF



A399CC



5C5F66



0031A6



000B26

Inverse Universe

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



CC99A8



FFB3C9



C2CC99



665C5F



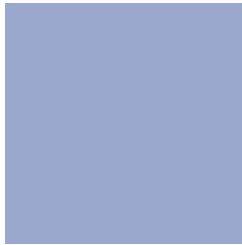
A60031



26000B

Previews

White Background



This preview shows how the Hex color 99A8CC looks on a white background.

Color Contrast Check

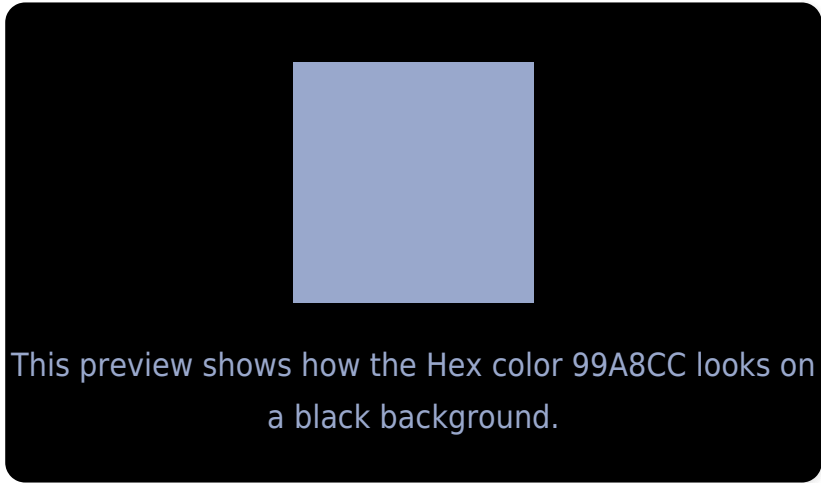
Large Text (above 18pt) WCAG AA × Fail

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

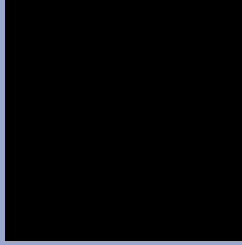
Any Text WCAG AA ✓ Pass

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 99A8CC Background



This preview shows how black text looks on a background with the Hex color 99A8CC.



This preview shows how white text looks on a background with the Hex color 99A8CC.

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
99A8CC

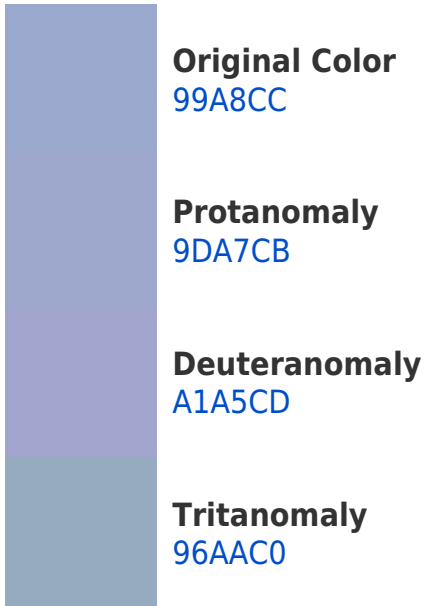
Protanopia
A0A6CB

Deuteranopia
A5A4CD

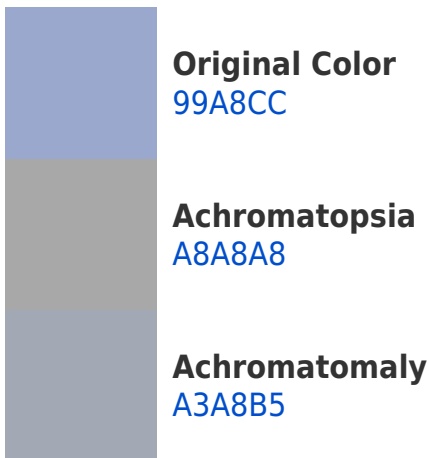


Tritanopia
95ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99A8CC 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 #99A8CC looks like.

```
.text, #text, p{  
    color:#99A8CC  
}
```

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 #99A8CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99A8CC
}
```

Border

The CSS property to change the border of an element to Hex 99A8CC 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
#99A8CC }
```

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

```
.border{ border-color:#99A8CC }
```

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

Here you see how a box with a 4 pixel #99A8CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99A8CC; -webkit-box-shadow:4px 4px  
4px 4px #99A8CC; box-shadow:4px 4px 4px  
4px #99A8CC }
```

Background

The CSS property to change the background color of an element to Hex 99A8CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99A8CC }
```

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

```
.background{ background-color:#99A8CC }
```

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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