

Converting Colors

Hex(9AAADD)

Have a look what the booklet for
Hex(9AAADD) contains.

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Color

Hex(9AAADD)

Conversions

Conversions Part 1

Format	Color
Hex	9AAADD
RGB	154, 170, 221
RGB Percent	60%, 67%, 87%
CMY	0.3961, 0.3333, 0.1333
CMYK	0.30, 0.23, 0.00, 0.13
HSL	226°, 50%, 74%
HSV	226°, 30%, 87%
XYZ	40.7523, 40.8399, 74.1416
YIQ	171.0300, -25.9070, 12.4690

Conversions

Conversions Part 2

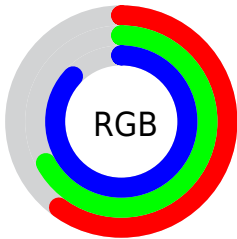
Format	Color
RYB	154, 167, 221
Decimal	10136285
CIELab	70.06, 6.06, -27.57
CIELCh	70, 28.227, 282.407
Yxy	40.8399, 0.2617, 0.2622
Android (android.graphics.Color)	4288326365 (0xFF9AAADD)
YUV	171.0300, 24.6352, -14.9353
Hunter-Lab	63.9061, 1.9919, -24.0519

Details

The Hex color **9AAADD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DDCD9A**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **D2E1FF**, and **6576A6** is the 20% darker color. If you saturate the color by 10%, you get **8499DD**, and if you desaturate by 10%, it is **B0BBDD**.

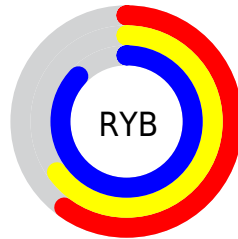
Distribution



Red (60%)

Green (67%)

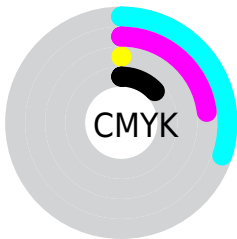
Blue (87%)



Red (60%)

Yellow (65%)

Blue (87%)

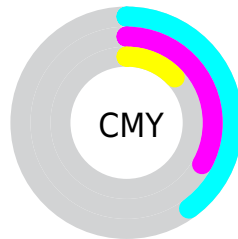


Cyan (30%)

Magenta (23%)

Yellow (0%)

Black (13%)



Cyan (40%)

Magenta (33%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AAADD 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 9AAADD by changing the saturation by 10% instead.

■ 9AAADD

■ 9AAADD

FFFFFF

■ 7F90C1

■ D2E1FF

■ 6576A6

■ EEFEFF

■ 4B5D8B

■ 324672

■ 173059

■ 001B41

■ 00002B

■ 000115

■ 000000

 9AAADD

 9AAADD

 8499DD

 B0BBDD

 6E88DD

 C6CCDD

 5878DD

 DCDCDD

 4267DD

 F2EDDD

 2B56DD

 FFFEDD

 1545DD

 FFFFDD

 0035DD

Harmonies

Analogous

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



76B2DB



9AAADD



BCA1D1

Triad

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



9AAADD



DB9D8A



79B89B

Complementary

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



9AAADD



DDCD9A

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.



96B485



9AAADD



CBA47B

Square

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



9AAADD



DF98A1



B3AD79



61BAB5

Rectangle

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



9AAADD



CE9CC3



B3AD79



82B793

Sweetspot

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



9AAADD



E8EEFF



9ADDCC



717580



000000



808080

Same Dimension

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



9AAADD



A3B9FF



AB9ADD



63656E



0029AD



000B2E

Inverse Universe

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



DD9AAA



FFA3B9



CCDD9A



6E6365



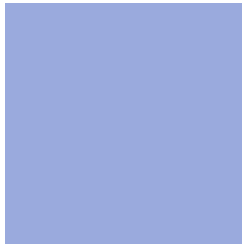
AD0029



2E000B

Previews

White Background



This preview shows how the Hex color 9AAADD looks on a white background.

Color Contrast Check

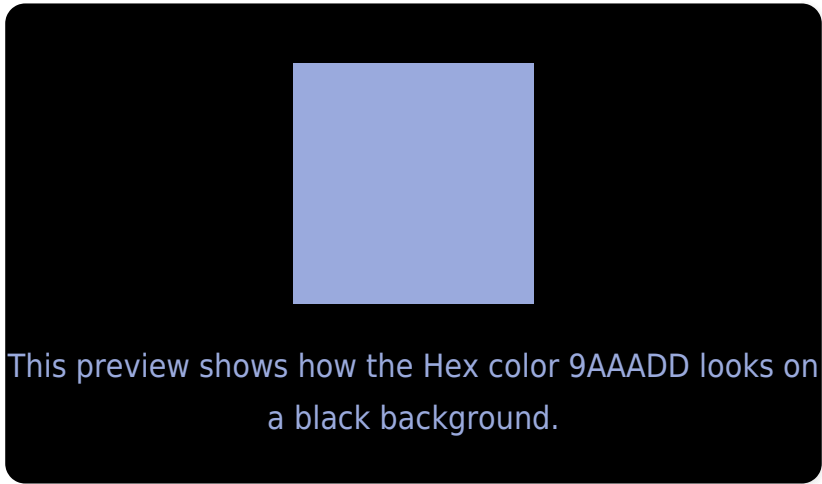
Large Text (above 18pt) WCAG AA × Fail

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

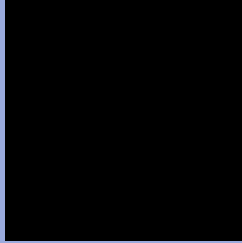
Any Text WCAG AA ✓ Pass

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 9AAADD Background



This preview shows how black text looks on a background with the Hex color 9AAADD.



This preview shows how white text looks on a background with the Hex color 9AAADD.

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](#).

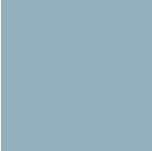
Dichromacy



Original Color
9AAADD

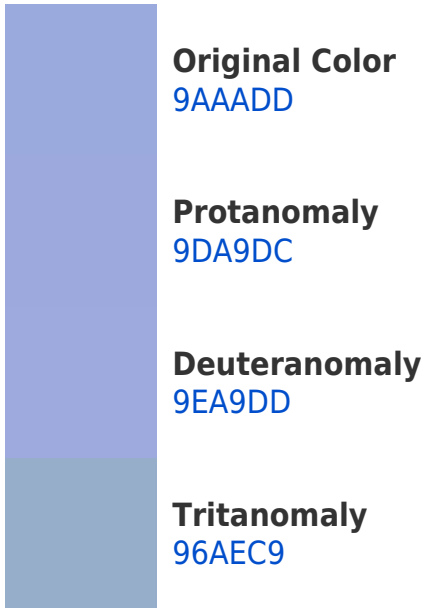
Protanopia
9EA9DC

Deuteranopia
A1A8DD

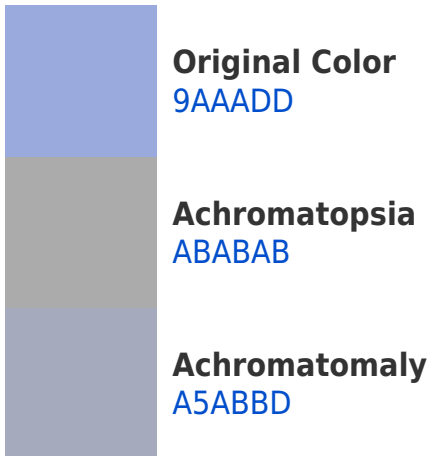


Tritanopia
93B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AAADD 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 #9AAADD looks like.

```
.text, #text, p{  
    color:#9AAADD  
}
```

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 #9AAADD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AAADD
}
```

Border

The CSS property to change the border of an element to Hex 9AAADD 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
#9AAADD }
```

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

```
.border{ border-color:#9AAADD }
```

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

Here you see how a box with a 4 pixel #9AAADD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AAADD; -webkit-box-shadow:4px 4px  
4px 4px #9AAADD; box-shadow:4px 4px 4px  
4px #9AAADD }
```

Background

The CSS property to change the background color of an element to Hex 9AAADD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AAADD }
```

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

```
.background{ background-color:#9AAADD }
```

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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