

Converting Colors

Hex(9AA9DB)

Have a look what the booklet for
Hex(9AA9DB) contains.

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Color

Hex(9AA9DB)

Conversions

Conversions Part 1

Format	Color
Hex	9AA9DB
RGB	154, 169, 219
RGB Percent	60%, 66%, 86%
CMY	0.3961, 0.3373, 0.1412
CMYK	0.30, 0.23, 0.00, 0.14
HSL	226°, 47%, 73%
HSV	226°, 30%, 86%
XYZ	40.3006, 40.3604, 72.6841
YIQ	170.2150, -24.9900, 12.3700

Conversions

Conversions Part 2

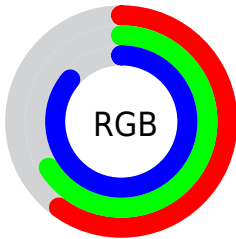
Format	Color
RYB	154, 166, 219
Decimal	10136027
CIELab	69.73, 6.12, -26.99
CIELCh	70, 27.676, 282.784
Yxy	40.3604, 0.2628, 0.2632
Android (android.graphics.Color)	4288326107 (0xFF9AA9DB)
YUV	170.2150, 24.0510, -14.2206
Hunter-Lab	63.5299, 2.0554, -23.3624

Details

The Hex color **9AA9DB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DBCC9A**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **D2E0FF**, and **6575A4** is the 20% darker color. If you saturate the color by 10%, you get **8498DB**, and if you desaturate by 10%, it is **B0BADB**.

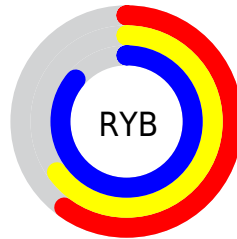
Distribution



Red (60%)

Green (66%)

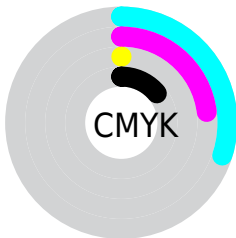
Blue (86%)



Red (60%)

Yellow (65%)

Blue (86%)

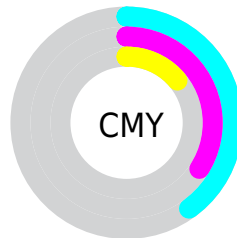


Cyan (30%)

Magenta (23%)

Yellow (0%)

Black (14%)



Cyan (40%)

Magenta (34%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AA9DB 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 9AA9DB by changing the saturation by 10% instead.

■ 9AA9DB

■ 9AA9DB

FFFFFF

■ 7F8FBF

■ D2E0FF

■ 6575A4

■ EEFDFE

■ 4C5D89

■ 324570

■ 182F57

■ 001B40

■ 00002A

■ 000114

■ 000000

 9AA9DB

 9AA9DB

 8498DB

 B0BADB

 6E87DB

 C6CBDB

 5876DB

 DCDCDB

 4266DB

 F2ECDB

 2D55DB

 FFFDDB

 1744DB

 FFFFDB

 0133DB

 0033DB

Harmonies

Analogous

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



77B1DA



9AA9DB



BBA0CF

Triad

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



9AA9DB



D99C89



79B79B

Complementary

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



9AA9DB



DBCC9A

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.



95B385



9AA9DB



C9A47B

Square

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



9AA9DB



DD98A0



B1AC79



62B8B5

Rectangle

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



9AA9DB



CD9BC2



B1AC79



82B693

Sweetspot

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



9AA9DB



E8EDFF



9ADBCC



717580



000000



808080

Same Dimension

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



9AA9DB



A3B8FF



AB9ADB



63656E



0028AD



000B2E

Inverse Universe

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



DB9AA9



FFA3B8



CADB9A



6E6365



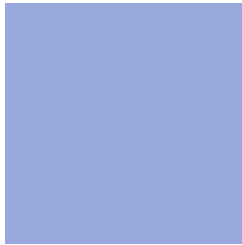
AD0028



2E000B

Previews

White Background



This preview shows how the Hex color 9AA9DB 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



This preview shows how the Hex color 9AA9DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

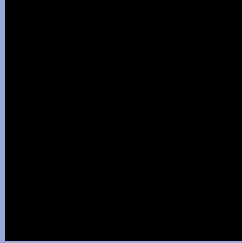
Any Text WCAG AA ✓ Pass

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 9AA9DB Background



This preview shows how black text looks on a background with the Hex color 9AA9DB.



This preview shows how white text looks on a background with the Hex color 9AA9DB.

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
9AA9DB

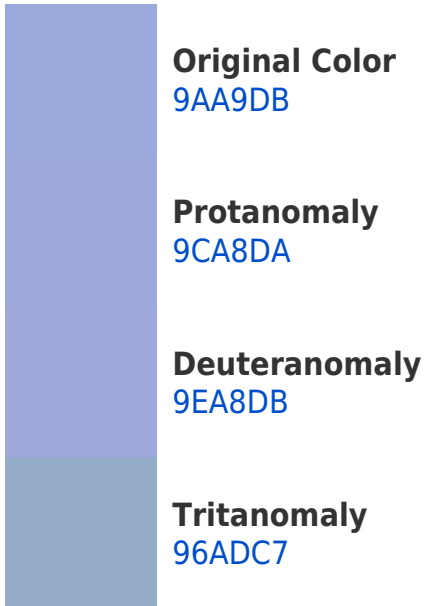
Protanopia
9DA8DA

Deuteranopia
A0A7DB

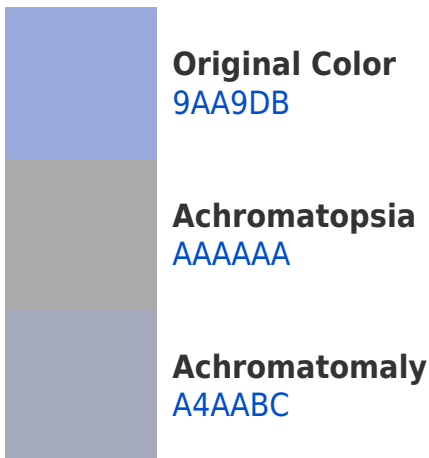


Tritanopia
93AFBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AA9DB 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 #9AA9DB looks like.

```
.text, #text, p{  
    color:#9AA9DB  
}
```

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 #9AA9DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA9DB
}
```

Border

The CSS property to change the border of an element to Hex 9AA9DB 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
#9AA9DB }
```

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

```
.border{ border-color:#9AA9DB }
```

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

Here you see how a box with a 4 pixel #9AA9DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA9DB; -webkit-box-shadow:4px 4px  
4px 4px #9AA9DB; box-shadow:4px 4px 4px  
4px #9AA9DB }
```

Background

The CSS property to change the background color of an element to Hex 9AA9DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA9DB }
```

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

```
.background{ background-color:#9AA9DB }
```

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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