

Converting Colors

Hex(9AA4DC)

Have a look what the booklet for
Hex(9AA4DC) contains.

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Color

Hex(9AA4DC)

Conversions

Conversions Part 1

Format	Color
Hex	9AA4DC
RGB	154, 164, 220
RGB Percent	60%, 64%, 86%
CMY	0.3961, 0.3569, 0.1373
CMYK	0.30, 0.25, 0.00, 0.14
HSL	231°, 49%, 73%
HSV	231°, 30%, 86%
XYZ	39.5202, 38.5883, 73.0755
YIQ	167.3940, -23.9360, 15.2960

Conversions

Conversions Part 2

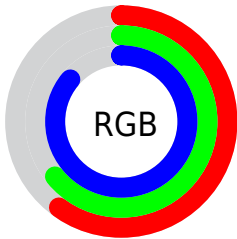
Format	Color
RYB	154, 163, 220
Decimal	10134748
CIELab	68.45, 9.17, -29.50
CIELCh	68, 30.892, 287.274
Yxy	38.5883, 0.2614, 0.2552
Android (android.graphics.Color)	4288324828 (0xFF9AA4DC)
YUV	167.3940, 25.9348, -11.7465
Hunter-Lab	62.1194, 4.8520, -26.2634

Details

The Hex color **9AA4DC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DCD29A**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **D2DBFF**, and **6570A5** is the 20% darker color. If you saturate the color by 10%, you get **8491DC**, and if you desaturate by 10%, it is **B0B7DC**.

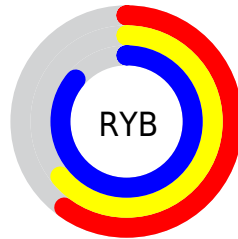
Distribution



Red (60%)

Green (64%)

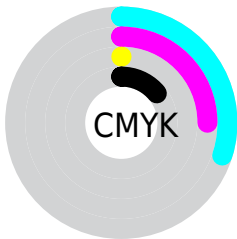
Blue (86%)



Red (60%)

Yellow (64%)

Blue (86%)

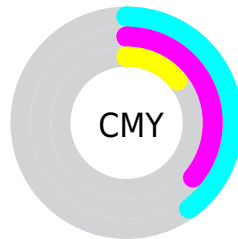


Cyan (30%)

Magenta (25%)

Yellow (0%)

Black (14%)



Cyan (40%)

Magenta (36%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AA4DC 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 9AA4DC by changing the saturation by 10% instead.

■ 9AA4DC

■ 9AA4DC

FFFFFF

■ 7F8AC0

■ D2DBFF

■ 6570A5

■ EEF7FF

■ 4B588A

■ 324171

■ 172B58

■ 001740

■ 00012A

■ 000114

■ 000000

 9AA4DC

 9AA4DC

 8491DC

 B0B7DC

 6E7FDC

 C6C9DC

 586CDC

 DCDCDC

 4259DC

 F2EFDC

 2C47DC

 FFFFDC

 1634DC

 0021DC

Harmonies

Analogous

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



70ADDD



9AA4DC



BF9ACD

Triad

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



9AA4DC



D8987F



69B59A

Complementary

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



9AA4DC



DCD29A

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.



8AB180



9AA4DC



C5A171

Square

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



9AA4DC



DF9298



AAAA71



4FB6B6

Rectangle

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



9AA4DC



D095BD



AAAA71



74B490

Sweetspot

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



9AA4DC



E8ECFF



9ADCD1



717480



000000



808080

Same Dimension

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



9AA4DC



A3B1FF



B09ADC



63646E



001AAD



00072E

Inverse Universe

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



DC9AA4



FFA3B1



C6DC9A



6E6364



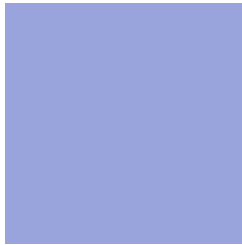
AD001A



2E0007

Previews

White Background



This preview shows how the Hex color 9AA4DC looks on a white background.

Color Contrast Check

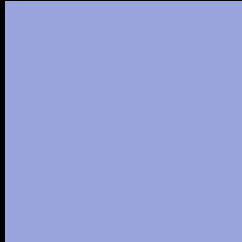
Large Text (above 18pt) WCAG AA × Fail

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 9AA4DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

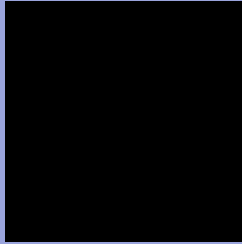
Any Text WCAG AA ✓ Pass

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 9AA4DC Background



This preview shows how black text looks on a background with the Hex color 9AA4DC.



This preview shows how white text looks on a background with the Hex color 9AA4DC.

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
9AA4DC

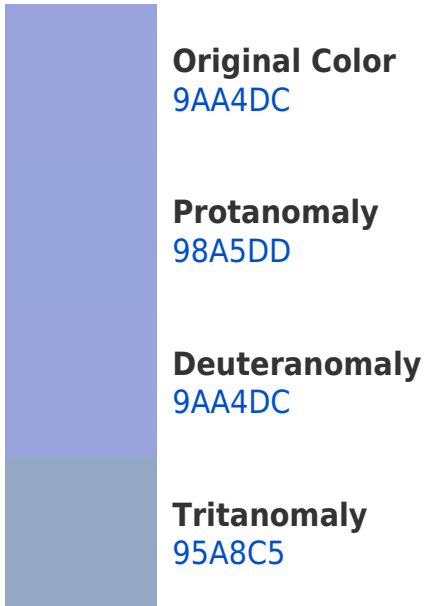
Protanopia
97A5DD

Deuteranopia
9AA4DC

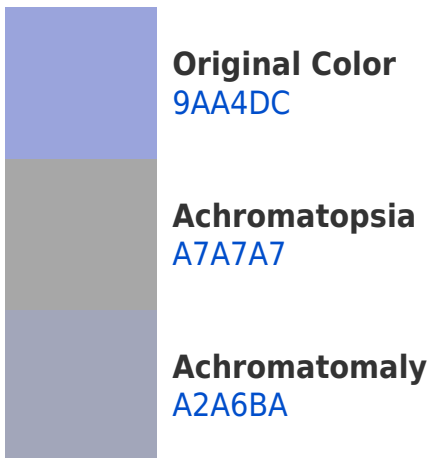


Tritanopia
92ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AA4DC 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 #9AA4DC looks like.

```
.text, #text, p{  
    color:#9AA4DC  
}
```

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 #9AA4DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA4DC
}
```

Border

The CSS property to change the border of an element to Hex 9AA4DC 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
#9AA4DC }
```

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

```
.border{ border-color:#9AA4DC }
```

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

Here you see how a box with a 4 pixel #9AA4DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA4DC; -webkit-box-shadow:4px 4px  
4px 4px #9AA4DC; box-shadow:4px 4px 4px  
4px #9AA4DC }
```

Background

The CSS property to change the background color of an element to Hex 9AA4DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA4DC }
```

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

```
.background{ background-color:#9AA4DC }
```

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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