

# Converting Colors

Hex(9CA6DD)

Have a look what the booklet for  
Hex(9CA6DD) contains.

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# **Color**

**Hex(9CA6DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CA6DD
RGB	156, 166, 221
RGB Percent	61%, 65%, 87%
CMY	0.3882, 0.3490, 0.1333
CMYK	0.29, 0.25, 0.00, 0.13
HSL	231°, 49%, 74%
HSV	231°, 29%, 87%
XYZ	40.3977, 39.5608, 73.9134
YIQ	169.2800, -23.6150, 14.9850

# Conversions

## Conversions Part 2

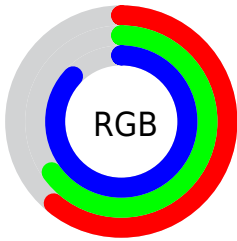
Format	Color
R <sub>YB</sub>	156, 165, 221
Decimal	10266333
CIE Lab	69.16, 8.88, -28.95
CIE LCh	69, 30.284, 287.055
Yxy	39.5608, 0.2625, 0.2571
Android (android.graphics.Color)	4288456413 (0xFF9CA6DD)
YUV	169.2800, 25.4980, -11.6466
Hunter-Lab	62.8974, 4.5764, -25.6461

# Details

The Hex color **9CA6DD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DDD39C**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **D4DDFF**, and **6772A6** is the 20% darker color. If you saturate the color by 10%, you get **8693DD**, and if you desaturate by 10%, it is **B2B9DD**.

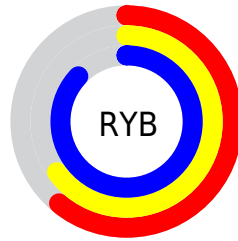
# Distribution



Red (61%)

Green (65%)

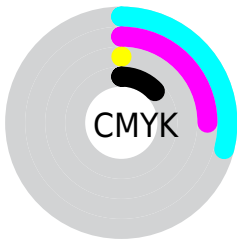
Blue (87%)



Red (61%)

Yellow (65%)

Blue (87%)

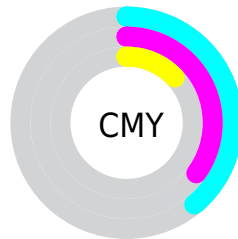


Cyan (29%)

Magenta (25%)

Yellow (0%)

Black (13%)



Cyan (39%)

Magenta (35%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CA6DD 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 9CA6DD by changing the saturation by 10% instead.



■ 9CA6DD

■ 9CA6DD

FFFFFF

■ 818CC1

■ D4DDFF

■ 6772A6

■ F0F9FF

■ 4D5A8B

■ 344372

■ 1A2D59

■ 001841

■ 00002B

■ 000115

■ 000000

■ 9CA6DD

■ 9CA6DD

■ 8693DD

■ B2B9DD

■ 7081DD

■ C8CBDD

■ 5A6EDD

■ DEDEDD

■ 445BDD

■ F4F1DD

■ 2E48DD

■ FFFFDD

■ 1736DD

■ 0123DD

■ 0022DD

# Harmonies

## Analogous

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



73AFDE



9CA6DD



C09CCE

# Triad

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



9CA6DD



D99A82



6DB79C

# Complementary

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



9CA6DD



DDD39C

# 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.



8DB383



9CA6DD



C7A374

# Square

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



9CA6DD



E0959A



ACAC74



54B8B8

# Rectangle

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



9CA6DD



D197BF



ACAC74



78B693



# Sweetspot

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



9CA6DD



E8ECFF



9CDDD2



717480



000000



808080



# Same Dimension

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



9CA6DD



A6B3FF



B29CDD



63646E



001BAD



00072E



# Inverse Universe

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



DD9CA6



FFA6B3



C7DD9C



6E6364



AD001B

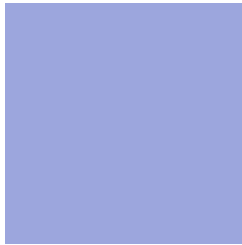


2E0007



# Previews

## White Background



This preview shows how the Hex color 9CA6DD looks on a white background.

## Color Contrast Check

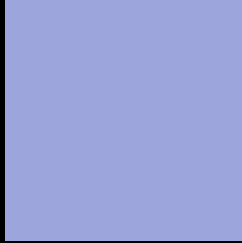
Large Text (above 18pt) WCAG AA × Fail

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 9CA6DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

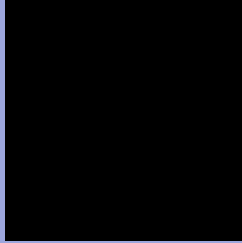
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CA6DD Background



This preview shows how black text looks on a background with the Hex color 9CA6DD.



This preview shows how white text looks on a background with the Hex color 9CA6DD.

# 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**

9CA6DD

**Protanopia**

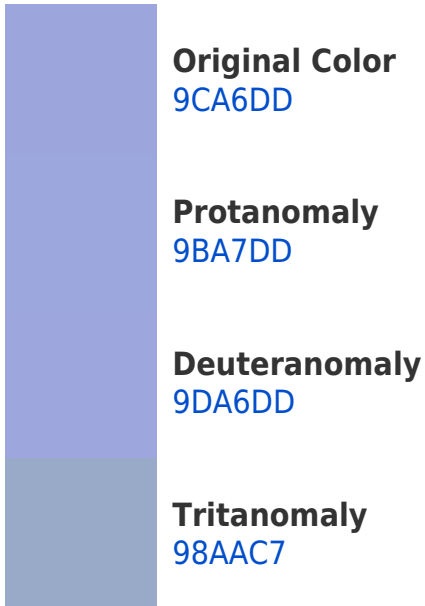
9AA7DD

**Deuteranopia**

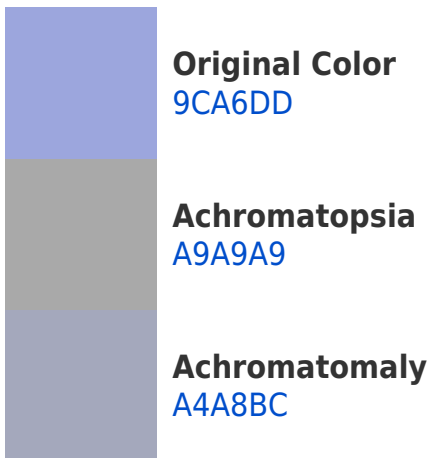
9DA6DD



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CA6DD 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 #9CA6DD looks like.

```
.text, #text, p{  
    color:#9CA6DD  
}
```

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 #9CA6DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA6DD
}
```

## Border

The CSS property to change the border of an element to Hex 9CA6DD 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
#9CA6DD }
```

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

```
.border{ border-color:#9CA6DD }
```

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

Here you see how a box with a 4 pixel #9CA6DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA6DD; -webkit-box-shadow:4px 4px  
4px 4px #9CA6DD; box-shadow:4px 4px 4px  
4px #9CA6DD }
```

# Background

The CSS property to change the background color of an element to Hex 9CA6DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA6DD }
```

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

```
.background{ background-color:#9CA6DD }
```

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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