

# Converting Colors

Hex(9DA6DD)

Have a look what the booklet for  
Hex(9DA6DD) contains.

<b>Hex(9DA6DD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9DA6DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DA6DD
RGB	157, 166, 221
RGB Percent	62%, 65%, 87%
CMY	0.3843, 0.3490, 0.1333
CMYK	0.29, 0.25, 0.00, 0.13
HSL	232°, 48%, 74%
HSV	232°, 29%, 87%
XYZ	40.5920, 39.6610, 73.9225
YIQ	169.5790, -23.0190, 15.1970

# Conversions

## Conversions Part 2

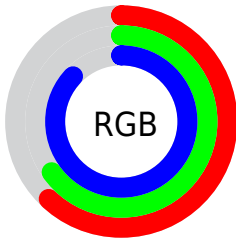
Format	Color
R <sub>YB</sub>	157, 165, 221
Decimal	10331869
CIE Lab	69.23, 9.17, -28.84
CIE LCh	69, 30.260, 287.649
Yxy	39.6610, 0.2633, 0.2572
Android (android.graphics.Color)	4288521949 (0xFF9DA6DD)
YUV	169.5790, 25.3506, -11.0318
Hunter-Lab	62.9770, 4.8430, -25.5109

# Details

The Hex color **9DA6DD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DDD49D**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **D5DDFF**, and **6872A6** is the 20% darker color. If you saturate the color by 10%, you get **8793DD**, and if you desaturate by 10%, it is **B3B9DD**.

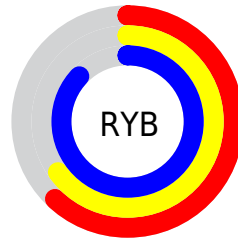
# Distribution



Red (62%)

Green (65%)

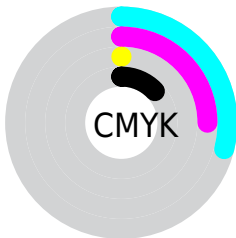
Blue (87%)



Red (62%)

Yellow (65%)

Blue (87%)

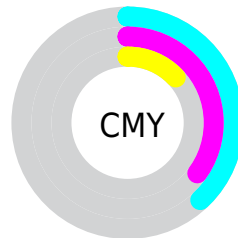


Cyan (29%)

Magenta (25%)

Yellow (0%)

Black (13%)



Cyan (38%)

Magenta (35%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DA6DD 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 9DA6DD by changing the saturation by 10% instead.



 9DA6DD

 9DA6DD

FFFFFF

 828CC1

 D5DDFF

 6872A6

 F1F9FF

 4E5A8B

 354372

 1B2D59

 001841

 00002B

 000115

 000000

■ 9DA6DD

■ 9DA6DD

■ 8793DD

■ B3B9DD

■ 7180DD

■ C9CCDD

■ 5B6DDD

■ DFDFDD

■ 455ADD

■ F5F2DD

■ 2F47DD

■ FFFFDD

■ 1834DD

■ 0221DD

■ 001FDD

# Harmonies

## Analogous

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



74AFDE



9DA6DD



C19CCE

# Triad

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



9DA6DD



D99A82



6DB79C

# Complementary

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



9DA6DD



DDD49D

# 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



9DA6DD



C6A374

# Square

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



9DA6DD



E0959A



ACAC74



54B8B9

# Rectangle

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



9DA6DD



D297BE



ACAC74



77B693



# Sweetspot

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



9DA6DD



E8EBFF



9DDDD3



717380



000000



808080



# Same Dimension

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



9DA6DD



A6B2FF



B39DDD



63646E



0018AD



00062E



# Inverse Universe

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



DD9DA6



FFA6B2



C7DD9D



6E6364



AD0018

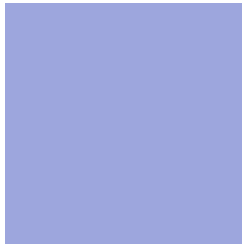


2E0006



# Previews

## White Background



This preview shows how the Hex color 9DA6DD looks on a white background.

## Color Contrast Check

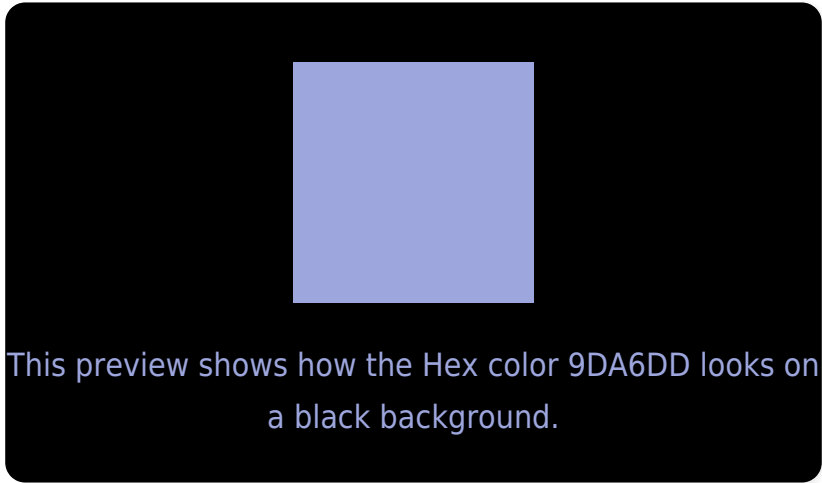
Large Text (above 18pt) WCAG AA × Fail

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 9DA6DD Background



This preview shows how black text looks on a background with the Hex color 9DA6DD.



This preview shows how white text looks on a background with the Hex color 9DA6DD.

# 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



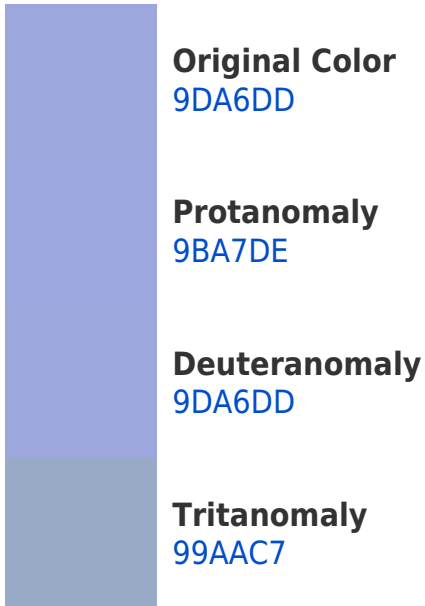
**Original Color**  
9DA6DD

**Protanopia**  
9AA7DE

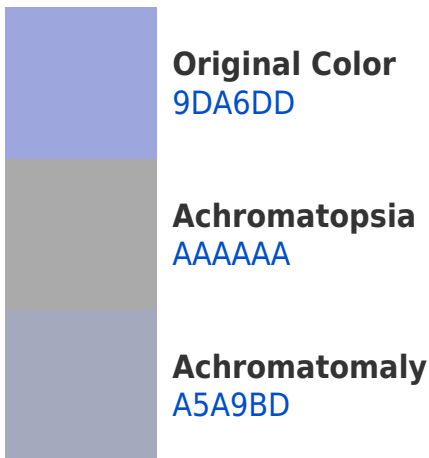
**Deuteranopia**  
9DA6DD



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DA6DD 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 #9DA6DD looks like.

```
.text, #text, p{  
    color:#9DA6DD  
}
```

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 #9DA6DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DA6DD
}
```

## Border

The CSS property to change the border of an element to Hex 9DA6DD 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
#9DA6DD }
```

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

```
.border{ border-color:#9DA6DD }
```

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

Here you see how a box with a 4 pixel #9DA6DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DA6DD; -webkit-box-shadow:4px 4px  
4px 4px #9DA6DD; box-shadow:4px 4px 4px  
4px #9DA6DD }
```

# Background

The CSS property to change the background color of an element to Hex 9DA6DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DA6DD }
```

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

```
.background{ background-color:#9DA6DD }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor