

# Converting Colors

Hex(9AACDF)

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

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# **Color**

**Hex(9AACDF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AACDF
RGB	154, 172, 223
RGB Percent	60%, 67%, 87%
CMY	0.3961, 0.3255, 0.1255
CMYK	0.31, 0.23, 0.00, 0.13
HSL	224°, 52%, 74%
HSV	224°, 31%, 87%
XYZ	41.3982, 41.7028, 75.6796
YIQ	172.4320, -27.0990, 12.0450

# Conversions

## Conversions Part 2

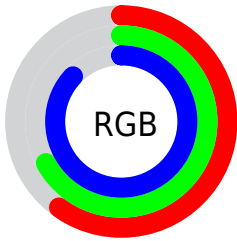
Format	Color
<a href="#">RYB</a>	<a href="#">154, 168, 223</a>
Decimal	<a href="#">10136799</a>
CIELab	<a href="#">70.67, 5.45, -27.74</a>
CIELCh	<a href="#">71, 28.269, 281.120</a>
Yxy	<a href="#">41.7028, 0.2607, 0.2626</a>
Android (android.graphics.Color)	<a href="#">4288326879 (0xFF9AACDF)</a>
YUV	<a href="#">172.4320, 24.9300, -16.1649</a>
Hunter-Lab	<a href="#">64.5777, 1.4184, -24.2784</a>

# Details

The Hex color **9AACDF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DFCD9A**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **D2E3FF**, and **6578A8** is the 20% darker color. If you saturate the color by 10%, you get **849CDF**, and if you desaturate by 10%, it is **B0BCDF**.

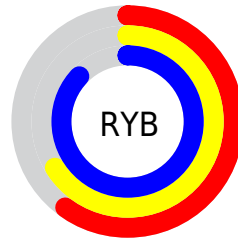
# Distribution



Red (60%)

Green (67%)

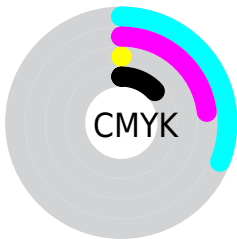
Blue (87%)



Red (60%)

Yellow (66%)

Blue (87%)

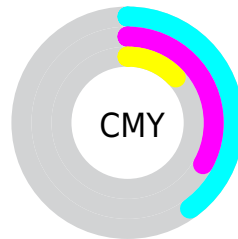


Cyan (31%)

Magenta (23%)

Yellow (0%)

Black (13%)



Cyan (40%)

Magenta (33%)

Yellow (13%)

# Brightness & Saturation Gradients

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



■ 9AACDF

■ 9AACDF

FFFFFF

■ 7F92C3

■ D2E3FF

■ 6578A8

■ EEEFFF

■ 4B5F8D

■ 314873

■ 16315B

■ 001D43

■ 00012D

■ 000117

■ 000000

 9AACDF

 9AACDF

 849CDF

 B0BCDF

 6D8BDF

 C7CDDF

 577BDF

 DDDDDF

 416ADF

 F3EEDF

 2B5ADF

 FFFEDF

 1449DF

 FFFFDF

 003ADF

# Harmonies

## Analogous

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



76B4DD



9AACDF



BDA3D4

# Triad

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



9AACDF



DD9E8C



7BBA9B

# Complementary

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



9AACDF



DFCD9A

# 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.



99B586



9AACDF



CEA67D

# Square

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



9AACDF



E09AA4



B6AE7A



63BBB6

# Rectangle

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



9AACDF



CF9EC6



B6AE7A



85B993



# Sweetspot

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



9AACDF



E8EEFF



9ADFCF



717580



000000



808080



# Same Dimension

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



9AACDF



A1B9FF



AA9ADF



656870



002EB0



000D30



# Inverse Universe

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



DF9AAC



FFA1B9



CFDF9A



706568



B0002E

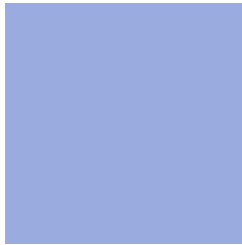


30000D



# Previews

## White Background



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

## Color Contrast Check

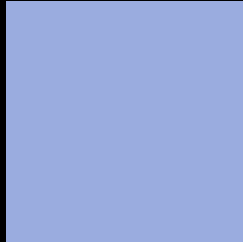
Large Text (above 18pt) WCAG AA × Fail

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 9AACDF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

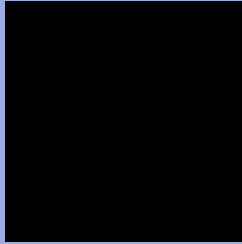
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9AACDF Background



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



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

# 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**  
9AACDF

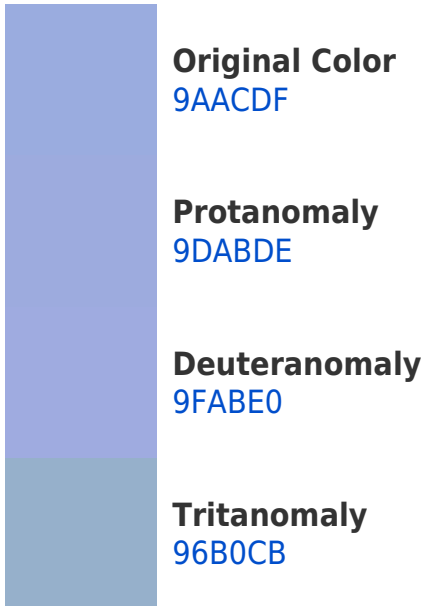
**Protanopia**  
9FABDE

**Deuteranopia**  
A2AAE0

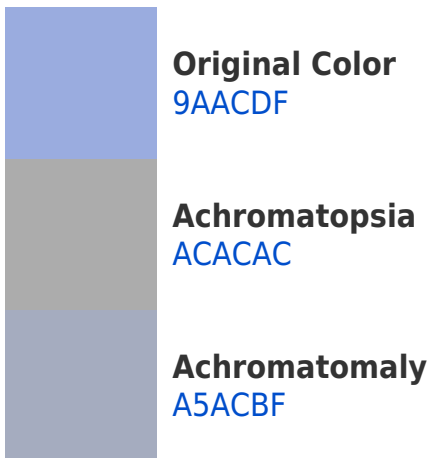


**Tritanopia**  
93B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #9AACDF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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