

# Converting Colors

Hex(9CB6DF)

Have a look what the booklet for  
Hex(9CB6DF) contains.

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# **Color**

**Hex(9CB6DF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CB6DF
RGB	156, 182, 223
RGB Percent	61%, 71%, 87%
CMY	0.3882, 0.2863, 0.1255
CMYK	0.30, 0.18, 0.00, 0.13
HSL	217°, 51%, 74%
HSV	217°, 30%, 87%
XYZ	43.7575, 45.8515, 76.3560
YIQ	178.9000, -28.6570, 7.2390

# Conversions

## Conversions Part 2

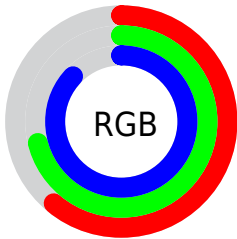
Format	Color
<a href="#">RYB</a>	<a href="#">156, 175, 223</a>
Decimal	<a href="#">10270431</a>
CIELab	<a href="#">73.45, 0.52, -23.47</a>
CIELCh	<a href="#">73, 23.471, 271.273</a>
Yxy	<a href="#">45.8515, 0.2637, 0.2763</a>
Android (android.graphics.Color)	<a href="#">4288460511 (0xFF9CB6DF)</a>
YUV	<a href="#">178.9000, 21.7413, -20.0833</a>
Hunter-Lab	<a href="#">67.7138, -3.1500, -19.4575</a>

# Details

The Hex color **9CB6DF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DFC59C**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **D4EEFF**, and **6781A8** is the 20% darker color. If you saturate the color by 10%, you get **86A8DF**, and if you desaturate by 10%, it is **B2C4DF**.

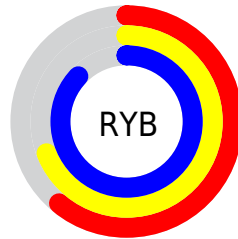
# Distribution



Red (61%)

Green (71%)

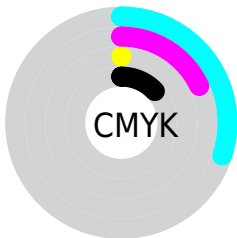
Blue (87%)



Red (61%)

Yellow (69%)

Blue (87%)

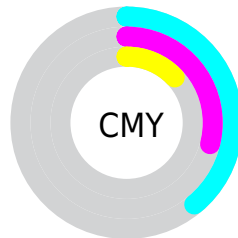


Cyan (30%)

Magenta (18%)

Yellow (0%)

Black (13%)



Cyan (39%)

Magenta (29%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CB6DF 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 9CB6DF by changing the saturation by 10% instead.



 9CB6DF

 9CB6DF

FFFFFF

 819BC3

 D4EEFF

 6781A8

 F1FFFF

 4D688D

 345074

 19395B

 002443

 000E2D

 000118

 000000

 9CB6DF

 9CB6DF

 86A8DF

 B2C4DF

 6F9BDF

 C9D1DF

 598DDF

 DFDFDF

 437FDF

 F5EDDF

 2D72DF

 FFFADF

 1664DF

 FFFFDF

 0057DF

# Harmonies

## Analogous

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



82BCD9



9CB6DF



B9AFD9

# Triad

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



9CB6DF



E0A79F



94BF9F

# Complementary

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



9CB6DF



DFC59C

# 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.



ACBA8F



9CB6DF



D6AC8F

# Square

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



9CB6DF



DFA5B4



C4B38A



7FC1B5

# Rectangle

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



9CB6DF



CAAAD0



C4B38A



9CBD99

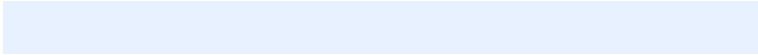


# Sweetspot

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



9CB6DF



E8F1FF



9CDFC4



717780



000000



808080



# Same Dimension

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



9CB6DF



A3C7FF



A39CDF



656970



0044B0



001330



# Inverse Universe

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



DF9CB6



FFA3C7



D8DF9C



706569



B00044

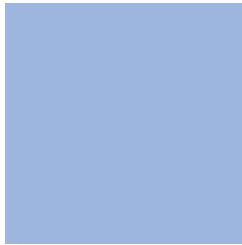


300013



# Previews

## White Background



This preview shows how the Hex color 9CB6DF looks on a white background.

## Color Contrast Check

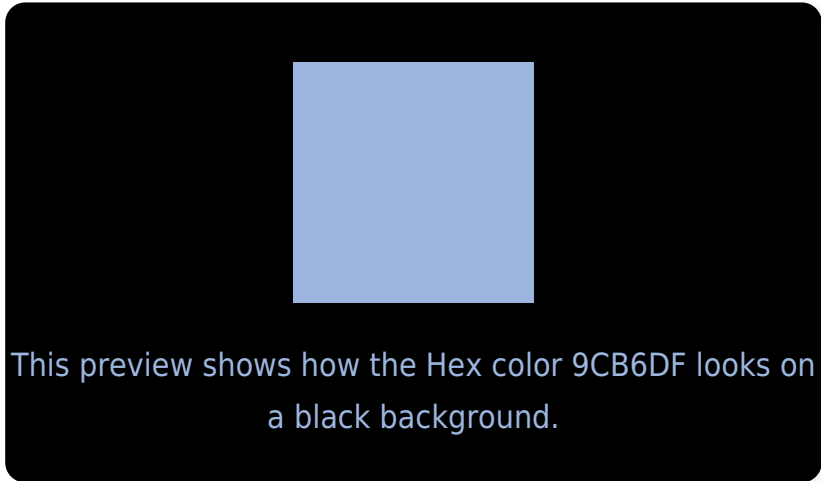
Large Text (above 18pt) WCAG AA × Fail

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

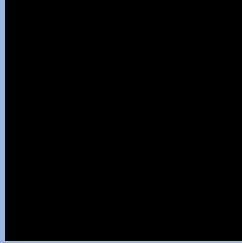
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9CB6DF Background



This preview shows how black text looks on a background with the Hex color 9CB6DF.

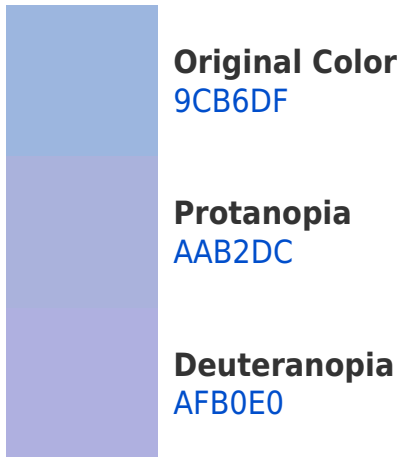


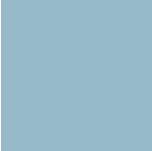
This preview shows how white text looks on a background with the Hex color 9CB6DF.

# 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](#).

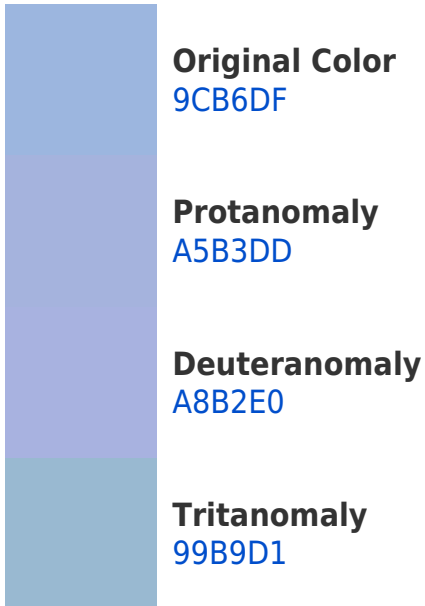
## Dichromacy



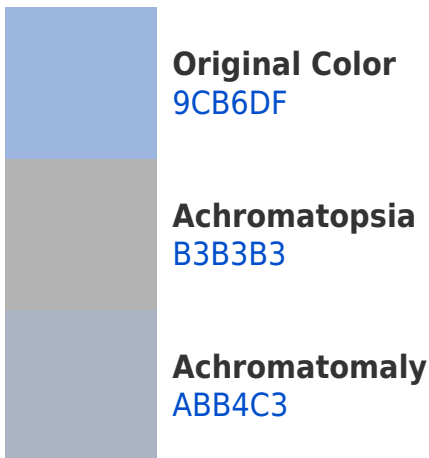


**Tritanopia**  
97BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CB6DF 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 #9CB6DF looks like.

```
.text, #text, p{  
    color:#9CB6DF  
}
```

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 #9CB6DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CB6DF
}
```

## Border

The CSS property to change the border of an element to Hex 9CB6DF 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
#9CB6DF }
```

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

```
.border{ border-color:#9CB6DF }
```

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

Here you see how a box with a 4 pixel #9CB6DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CB6DF; -webkit-box-shadow:4px 4px  
4px 4px #9CB6DF; box-shadow:4px 4px 4px  
4px #9CB6DF }
```

# Background

The CSS property to change the background color of an element to Hex 9CB6DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CB6DF }
```

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

```
.background{ background-color:#9CB6DF }
```

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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