

# Converting Colors

Hex(9CB8DB)

Have a look what the booklet for  
Hex(9CB8DB) contains.

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# **Color**

**Hex(9CB8DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CB8DB
RGB	156, 184, 219
RGB Percent	61%, 72%, 86%
CMY	0.3882, 0.2784, 0.1412
CMYK	0.29, 0.16, 0.00, 0.14
HSL	213°, 47%, 74%
HSV	213°, 29%, 86%
XYZ	43.6370, 46.4634, 73.6862
YIQ	179.6180, -27.9230, 4.9490

# Conversions

## Conversions Part 2

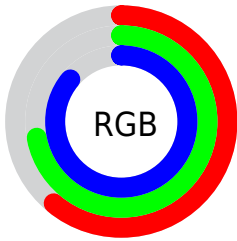
Format	Color
R <sub>YB</sub>	156, 175, 219
Decimal	10270939
CIE Lab	73.85, -1.54, -20.69
CIE LCh	74, 20.744, 265.740
Yxy	46.4634, 0.2664, 0.2837
Android (android.graphics.Color)	4288461019 (0xFF9CB8DB)
YUV	179.6180, 19.4153, -20.7130
Hunter-Lab	68.1640, -5.0157, -16.3785

# Details

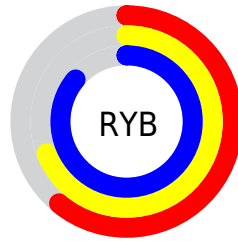
The Hex color **9CB8DB** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DBBF9C**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **D4F0FF**, and **6783A4** is the 20% darker color. If you saturate the color by 10%, you get **86ACDB**, and if you desaturate by 10%, it is **B2C4DB**.

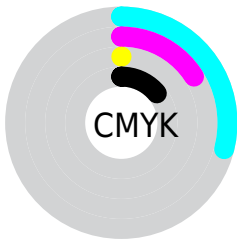
# Distribution



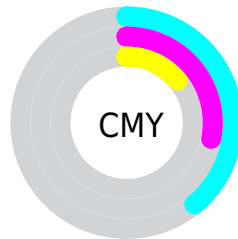
- Red (61%)
- Green (72%)
- Blue (86%)



- Red (61%)
- Yellow (69%)
- Blue (86%)



- Cyan (29%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (39%)
- Magenta (28%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CB8DB 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 9CB8DB by changing the saturation by 10% instead.



 9CB8DB

 9CB8DB

FFFFFF

 819DBF

 D4F0FF

 6783A4

 F0FFFF

 4E6A8A

 345270

 1B3B58

 002640

 00102A

 000115

 000000

 9CB8DB

 9CB8DB

 86ACDB

 B2C4DB

 70A0DB

 C8D0DB

 5A94DB

 DEDCDB

 4487DB

 F4E9DB

 2F7BDB

 FFF5DB

 196FDB

 FFFFDB

 0363DB

 0061DB

# Harmonies

## Analogous

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



88BDD4



9CB8DB



B5B2D8

# Triad

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



9CB8DB



DDA9A6



9DBEA0

# Complementary

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



9CB8DB



DBBF9C

# 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.



B2B993



9CB8DB



D6AD97

# Square

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



9CB8DB



DAA8B9



C7B390



8AC0B2

# Rectangle

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



9CB8DB



C5ADD0



C7B390



A4BD9B

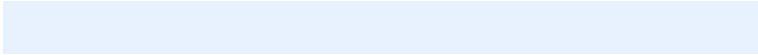


# Sweetspot

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



9CB8DB



E8F2FF



9CDBBF



717880



000000



808080



# Same Dimension

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



9CB8DB



A6CDFF



9F9CDB



63686E



004DAD



00142E



# Inverse Universe

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



DB9CB8



FFA6CD



D8DB9C



6E6368



AD004D

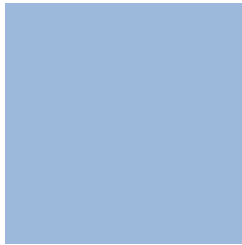


2E0014



# Previews

## White Background



This preview shows how the Hex color 9CB8DB looks on a white background.

## Color Contrast Check

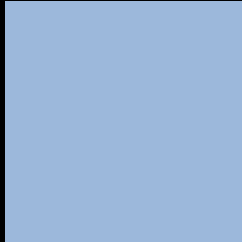
Large Text (above 18pt) WCAG AA × Fail

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 9CB8DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

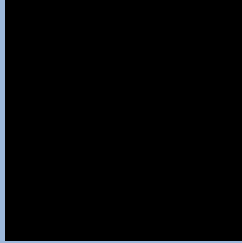
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

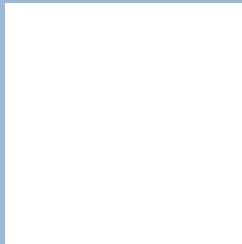
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CB8DB Background



This preview shows how black text looks on a background with the Hex color 9CB8DB.

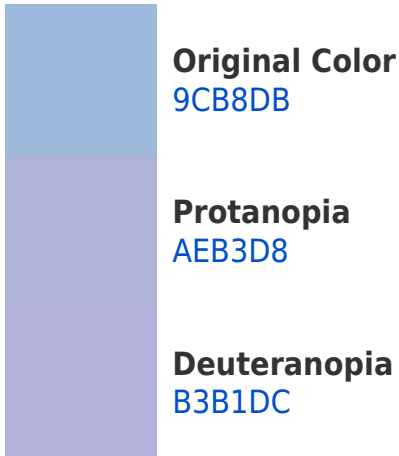


This preview shows how white text looks on a background with the Hex color 9CB8DB.

# 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](#).

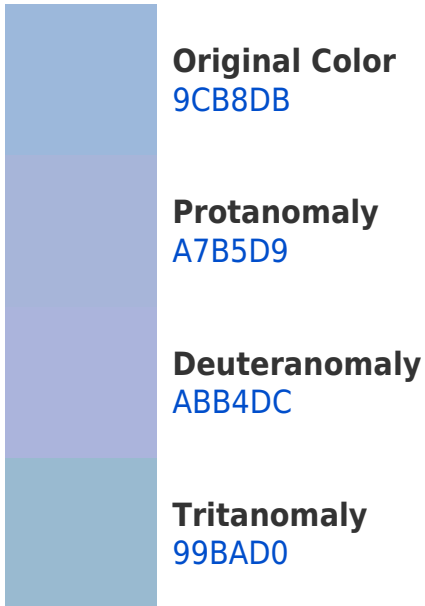
## Dichromacy



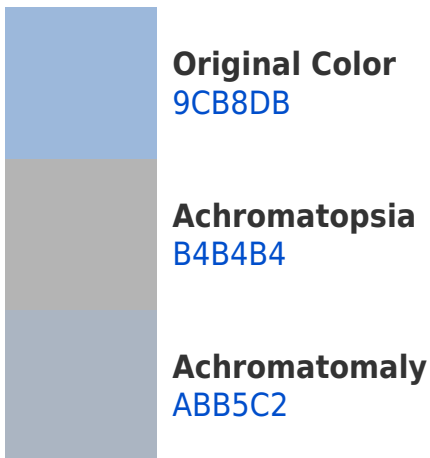


**Tritanopia**  
98BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CB8DB 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 #9CB8DB looks like.

```
.text, #text, p{  
    color:#9CB8DB  
}
```

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 #9CB8DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CB8DB
}
```

## Border

The CSS property to change the border of an element to Hex 9CB8DB 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
#9CB8DB }
```

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

```
.border{ border-color:#9CB8DB }
```

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

Here you see how a box with a 4 pixel #9CB8DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CB8DB; -webkit-box-shadow:4px 4px  
4px 4px #9CB8DB; box-shadow:4px 4px 4px  
4px #9CB8DB }
```

# Background

The CSS property to change the background color of an element to Hex 9CB8DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CB8DB }
```

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

```
.background{ background-color:#9CB8DB }
```

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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