

Converting Colors

Hex(9CB3DD)

Have a look what the booklet for
Hex(9CB3DD) contains.

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Color

Hex(9CB3DD)

Conversions

Conversions Part 1

Format	Color
Hex	9CB3DD
RGB	156, 179, 221
RGB Percent	61%, 70%, 87%
CMY	0.3882, 0.2980, 0.1333
CMYK	0.29, 0.19, 0.00, 0.13
HSL	219°, 49%, 74%
HSV	219°, 29%, 87%
XYZ	42.8815, 44.5286, 74.7414
YIQ	176.9110, -27.1900, 8.1860

Conversions

Conversions Part 2

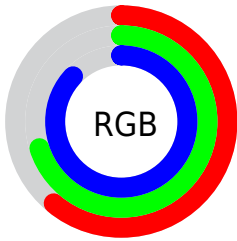
Format	Color
RYB	156, 173, 221
Decimal	10269661
CIELab	72.58, 1.67, -23.70
CIELCh	73, 23.761, 274.035
Yxy	44.5286, 0.2645, 0.2746
Android (android.graphics.Color)	4288459741 (0xFF9CB3DD)
YUV	176.9110, 21.7359, -18.3389
Hunter-Lab	66.7297, -2.0702, -19.6976

Details

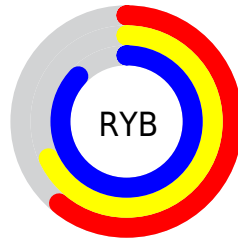
The Hex color **9CB3DD** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DDC69C**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D4EBFF**, and **677EA6** is the 20% darker color. If you saturate the color by 10%, you get **86A5DD**, and if you desaturate by 10%, it is **B2C1DD**.

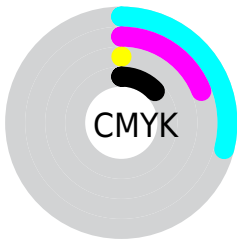
Distribution



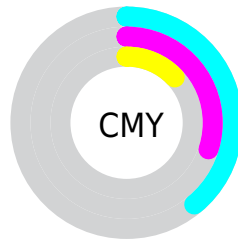
- Red (61%)
- Green (70%)
- Blue (87%)



- Red (61%)
- Yellow (68%)
- Blue (87%)



- Cyan (29%)
- Magenta (19%)
- Yellow (0%)
- Black (13%)



- Cyan (39%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CB3DD 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 9CB3DD by changing the saturation by 10% instead.

■ 9CB3DD

■ 9CB3DD

FFFFFF

■ 8198C1

■ D4EBFF

■ 677EA6

■ F0FFFF

■ 4D668B

■ 344E72

■ 1A3759

■ 002242

■ 000B2B

■ 000116

■ 000000

 9CB3DD

 9CB3DD

 86A5DD

 B2C1DD

 7096DD

 C8D0DD

 5A88DD

 DEDEDD

 447ADD

 F4ECDD

 2E6CDD

 FFFADD

 175DDD

 FFFFDD

 014FDD

 004EDD

Harmonies

Analogous

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



81B9D8



9CB3DD



B9ABD6

Triad

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



9CB3DD



DDA49B



8FBD9E

Complementary

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



9CB3DD



DDC69C

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.



A7B88E



9CB3DD



D3AA8C

Square

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



9CB3DD



DDA2B0



BFB287



7BBEB4

Rectangle

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



9CB3DD



CAA7CC



BFB287



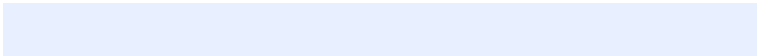
97BB98

Sweetspot

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



9CB3DD



E8F0FF



9CDDC5



717680



000000



808080

Same Dimension

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



9CB3DD



A6C5FF



A59CDD



63676E



003DAD



00102E

Inverse Universe

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



DD9CB3



FFA6C5



D4DD9C



6E6367



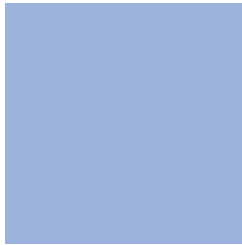
AD003D



2E0010

Previews

White Background



This preview shows how the Hex color 9CB3DD looks on a white background.

Color Contrast Check

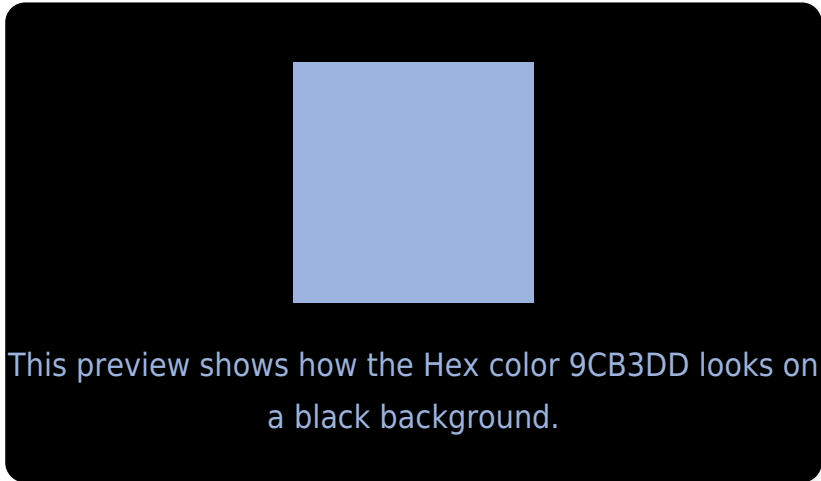
Large Text (above 18pt) WCAG AA × Fail

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

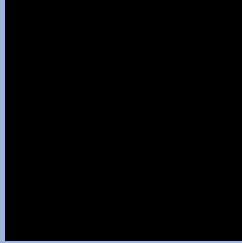
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

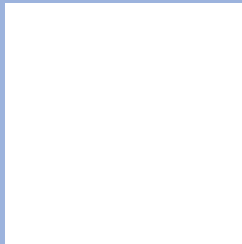
Any Text WCAG AAA ✓ Pass

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

Hex 9CB3DD Background



This preview shows how black text looks on a background with the Hex color 9CB3DD.

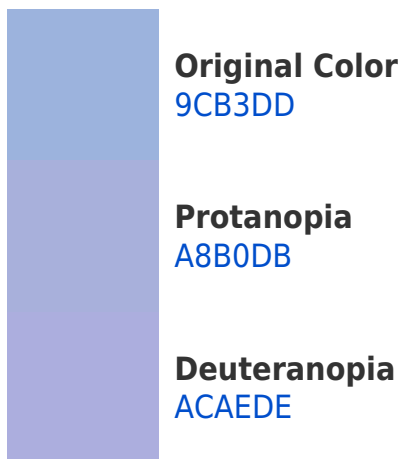


This preview shows how white text looks on a background with the Hex color 9CB3DD.

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](#).

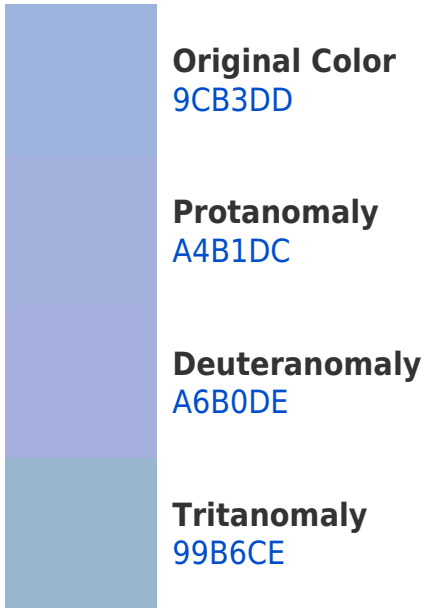
Dichromacy



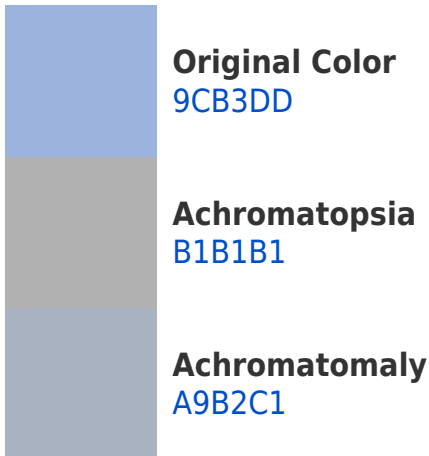


Tritanopia
97B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CB3DD 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 #9CB3DD looks like.

```
.text, #text, p{  
    color:#9CB3DD  
}
```

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 #9CB3DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CB3DD
}
```

Border

The CSS property to change the border of an element to Hex 9CB3DD 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
#9CB3DD }
```

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

```
.border{ border-color:#9CB3DD }
```

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

Here you see how a box with a 4 pixel #9CB3DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CB3DD; -webkit-box-shadow:4px 4px  
4px 4px #9CB3DD; box-shadow:4px 4px 4px  
4px #9CB3DD }
```

Background

The CSS property to change the background color of an element to Hex 9CB3DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CB3DD }
```

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

```
.background{ background-color:#9CB3DD }
```

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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