

# Converting Colors

Hex(9BB5DD)

Have a look what the booklet for  
Hex(9BB5DD) contains.

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# **Color**

**Hex(9BB5DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BB5DD
RGB	155, 181, 221
RGB Percent	61%, 71%, 87%
CMY	0.3922, 0.2902, 0.1333
CMYK	0.30, 0.18, 0.00, 0.13
HSL	216°, 49%, 74%
HSV	216°, 30%, 87%
XYZ	43.0926, 45.2368, 74.8670
YIQ	177.7860, -28.3360, 6.9280

# Conversions

## Conversions Part 2

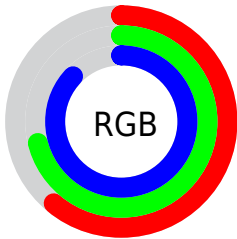
Format	Color
R <sub>YB</sub>	155, 174, 221
Decimal	10204637
CIE Lab	73.05, 0.29, -22.99
CIE LCh	73, 22.997, 270.714
Yxy	45.2368, 0.2641, 0.2772
Android (android.graphics.Color)	4288394717 (0xFF9BB5DD)
YUV	177.7860, 21.3045, -19.9833
Hunter-Lab	67.2583, -3.3365, -18.9165

# Details

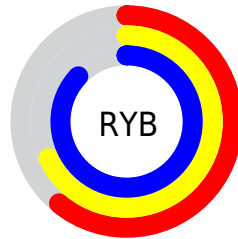
The Hex color **9BB5DD** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DDC39B**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **D3EDFF**, and **6680A6** is the 20% darker color. If you saturate the color by 10%, you get **85A8DD**, and if you desaturate by 10%, it is **B1C2DD**.

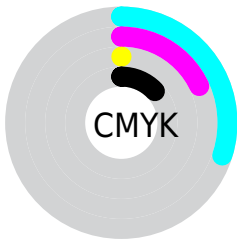
# Distribution



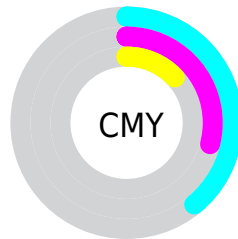
- Red (61%)
- Green (71%)
- Blue (87%)



- Red (61%)
- Yellow (68%)
- 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 9BB5DD 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 9BB5DD by changing the saturation by 10% instead.



■ 9BB5DD

■ 9BB5DD

FFFFFF

■ 809AC1

■ D3EDFF

■ 6680A6

■ EFFFFFF

■ 4C678B

■ 334F72

■ 193959

■ 002342

■ 000D2B

■ 000116

■ 000000

 9BB5DD

 9BB5DD

 85A8DD

 B1C2DD

 6F9ADD

 C7D0DD

 598DDD

 DDDDDD

 437FDD

 F3EBDD

 2C72DD

 FFF8DD

 1665DD

 FFFFDD

 0057DD

# Harmonies

## Analogous

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



82BBD7



9BB5DD



B8AED7

# Triad

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



9BB5DD



DEA69F



94BD9E

# Complementary

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



9BB5DD



DDC39B

# 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.



ACB98F



9BB5DD



D5AB8F

# Square

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



9BB5DD



DDA4B4



C3B289



80BFB3

# Rectangle

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



9BB5DD



C8A9CE



C3B289



9CBC98

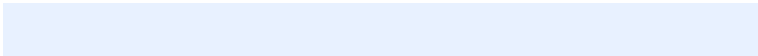


# Sweetspot

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



9BB5DD



E8F1FF



9BDDC3



717780



000000



808080



# Same Dimension

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



9BB5DD



A3C7FF



A29BDD



63676E



0044AD



00122E



# Inverse Universe

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



DD9BB5



FFA3C7



D6DD9B



6E6367



AD0044

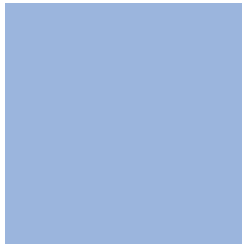


2E0012



# Previews

## White Background



This preview shows how the Hex color 9BB5DD looks on a white background.

## Color Contrast Check

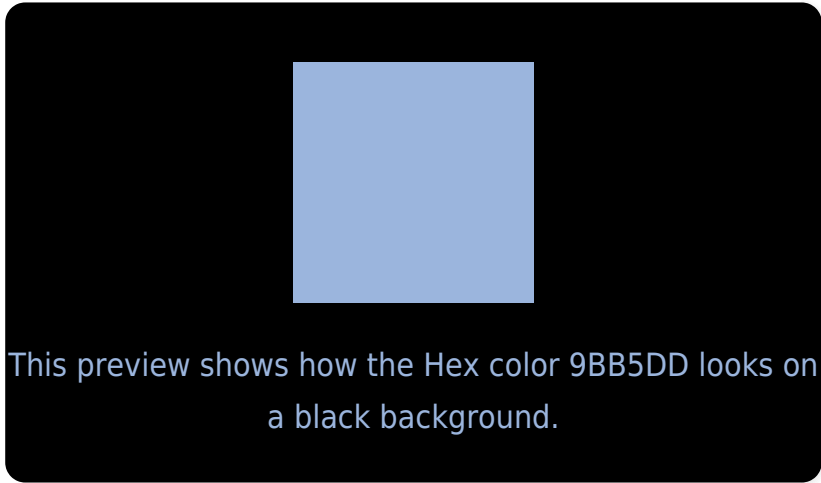
Large Text (above 18pt) WCAG AA × Fail

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

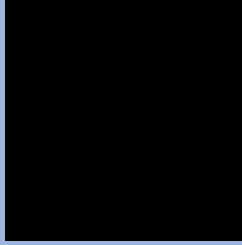
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

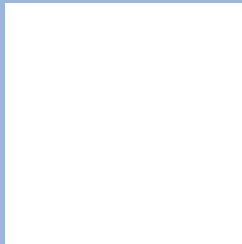
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BB5DD Background



This preview shows how black text looks on a background with the Hex color 9BB5DD.

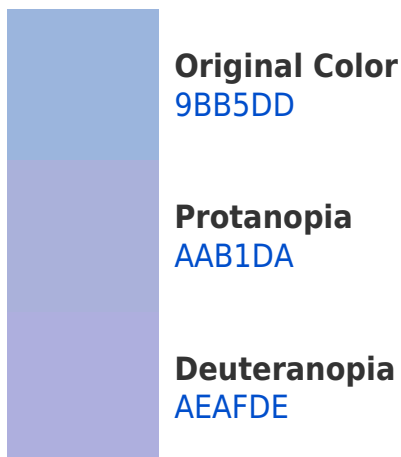


This preview shows how white text looks on a background with the Hex color 9BB5DD.

# 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](#).

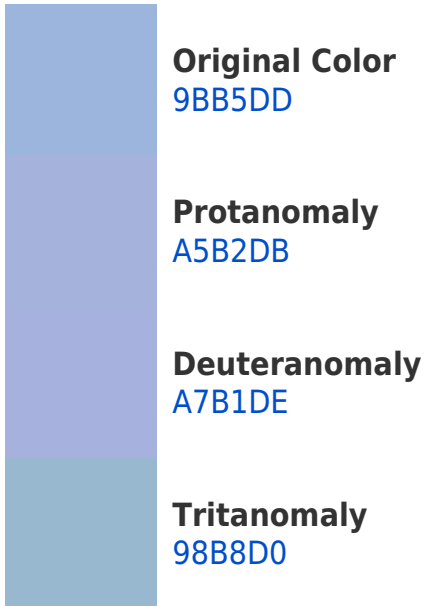
## Dichromacy



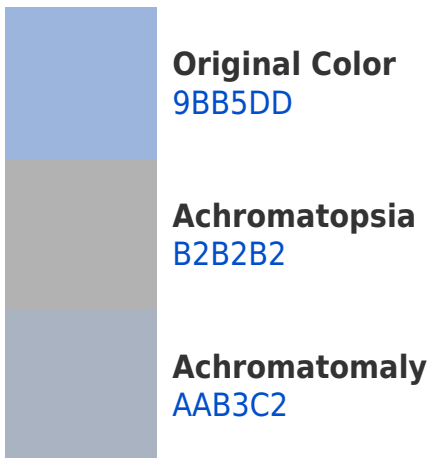


**Tritanopia**  
96B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BB5DD 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 #9BB5DD looks like.

```
.text, #text, p{  
    color:#9BB5DD  
}
```

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 #9BB5DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BB5DD }  
}
```

## Border

The CSS property to change the border of an element to Hex 9BB5DD 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 #9BB5DD }  
}
```

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

```
.border{ border-color:#9BB5DD }
```

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

Here you see how a box with a 4 pixel #9BB5DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BB5DD; -webkit-box-shadow:4px 4px  
4px 4px #9BB5DD; box-shadow:4px 4px 4px  
4px #9BB5DD }
```

# Background

The CSS property to change the background color of an element to Hex 9BB5DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BB5DD }
```

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

```
.background{ background-color:#9BB5DD }
```

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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