

# Converting Colors

Hex(9DB5BA)

Have a look what the booklet for  
Hex(9DB5BA) contains.

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# **Color**

**Hex(9DB5BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DB5BA
RGB	157, 181, 186
RGB Percent	62%, 71%, 73%
CMY	0.3843, 0.2902, 0.2706
CMYK	0.16, 0.03, 0.00, 0.27
HSL	190°, 17%, 67%
HSV	190°, 16%, 73%
XYZ	39.2914, 43.7610, 52.8302
YIQ	174.3940, -15.9090, -3.5330

# Conversions

## Conversions Part 2

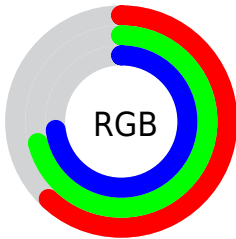
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 170, 186
Decimal	10335674
CIELab	72.07, -7.14, -5.32
CIELCh	72, 8.899, 216.682
Yxy	43.7610, 0.2892, 0.3221
Android (android.graphics.Color)	4288525754 (0xFF9DB5BA)
YUV	174.3940, 5.7218, -15.2545
Hunter-Lab	66.1521, -9.7451, -1.0435

# Details

The Hex color **9DB5BA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BAA29D**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **D4EDF2**, and **698085** is the 20% darker color. If you saturate the color by 10%, you get **8AB2BA**, and if you desaturate by 10%, it is **B0B8BA**.

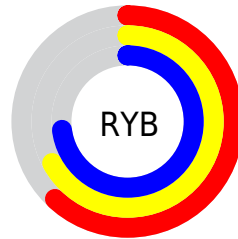
# Distribution



Red (62%)

Green (71%)

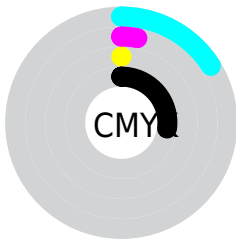
Blue (73%)



Red (62%)

Yellow (67%)

Blue (73%)

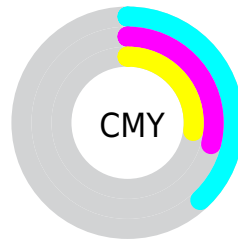


Cyan (16%)

Magenta (3%)

Yellow (0%)

Black (27%)



Cyan (38%)

Magenta (29%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DB5BA 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 9DB5BA by changing the saturation by 10% instead.





9DB5BA



9DB5BA

FFFFFF



839A9F



D4EDF2



698085



F0FFFF



51676C



394F53



23383C



0D2327



000D12



000000



9DB5BA



9DB5BA

8AB2BA

B0B8BA

78AFBA

C2BBBA

65ABBA

D5BFBA

53A8BA

E7C2BA

40A5BA

FAC5BA

2DA2BA

FFC8BA

1B9FBA

FFCBBA

089BBA

FFCFBA

009ABA

FFD2BA

# Harmonies

## Analogous

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



9EB6B2



9DB5BA



A2B3BF

# Triad

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



9DB5BA



BDACB7



B6B1A1

# Complementary

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



9DB5BA



BAA29D

# 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.



BDAEA2



9DB5BA



C2ABAF

# Square

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



9DB5BA



B5AEBE



C2ACA7



ACB3A4

# Rectangle

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



9DB5BA



A7B2C1



C2ACA7



B9B0A1



# Sweetspot

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



9DB5BA



E6F0F2



9DBAA2



73797A



FAFAFA



7A7A7A



# Same Dimension

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



9DB5BA



C4EAF2



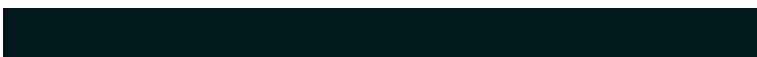
9DA7BA



535A5C



00819C



00171C



# Inverse Universe

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



BA9DB5



F2C4EA



BAB09D



5C535A



9C0081



1C0017



# Previews

## White Background



This preview shows how the Hex color 9DB5BA looks on a white background.

## Color Contrast Check

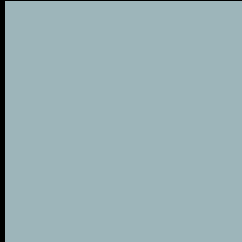
Large Text (above 18pt) WCAG AA × Fail

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 9DB5BA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

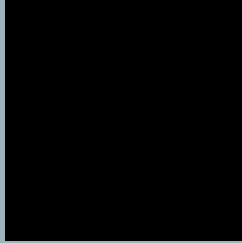
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

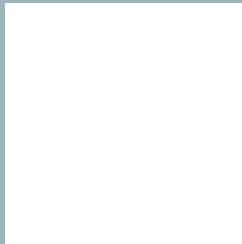
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9DB5BA Background



This preview shows how black text looks on a background with the Hex color 9DB5BA.

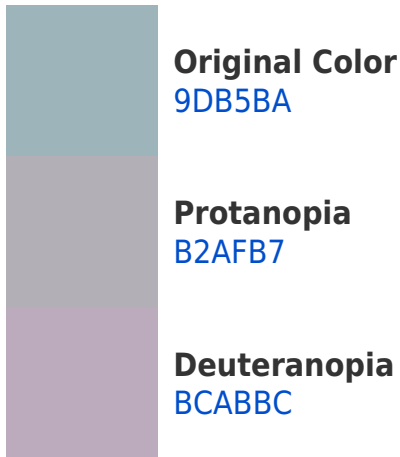


This preview shows how white text looks on a background with the Hex color 9DB5BA.

# 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**  
9EB4C2

# Trichromacy



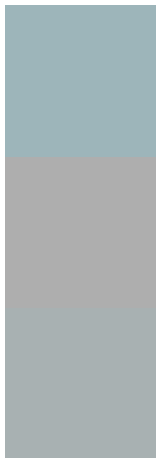
**Original Color**  
9DB5BA

**Protanomaly**  
AAB1B8

**Deuteranomaly**  
B1AFBB

**Tritanomaly**  
9EB4BF

# Monochromacy



**Original Color**  
9DB5BA

**Achromatopsia**  
AEAEAE

**Achromatomaly**  
A8B1B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DB5BA 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 #9DB5BA looks like.

```
.text, #text, p{  
    color:#9DB5BA  
}
```

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 #9DB5BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DB5BA
}
```

## Border

The CSS property to change the border of an element to Hex 9DB5BA 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
#9DB5BA }
```

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

```
.border{ border-color:#9DB5BA }
```

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

Here you see how a box with a 4 pixel #9DB5BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DB5BA; -webkit-box-shadow:4px 4px  
4px 4px #9DB5BA; box-shadow:4px 4px 4px  
4px #9DB5BA }
```

# Background

The CSS property to change the background color of an element to Hex 9DB5BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DB5BA }
```

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

```
.background{ background-color:#9DB5BA }
```

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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