

Converting Colors

Hex(9DA3BD)

Have a look what the booklet for
Hex(9DA3BD) contains.

Hex(9DA3BD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9DA3BD)

Conversions

Conversions Part 1

Format	Color
Hex	9DA3BD
RGB	157, 163, 189
RGB Percent	62%, 64%, 74%
CMY	0.3843, 0.3608, 0.2588
CMYK	0.17, 0.14, 0.00, 0.26
HSL	229°, 20%, 68%
HSV	229°, 17%, 74%
XYZ	36.1871, 37.0366, 53.3856
YIQ	164.1700, -11.9220, 6.8140

Conversions

Conversions Part 2

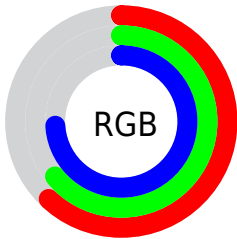
Format	Color
RYB	157, 162, 189
Decimal	10331069
CIELab	67.30, 3.32, -14.08
CIELCh	67, 14.464, 283.262
Yxy	37.0366, 0.2858, 0.2925
Android (android.graphics.Color)	4288521149 (0xFF9DA3BD)
YUV	164.1700, 12.2412, -6.2881
Hunter-Lab	60.8577, -0.3616, -9.4100

Details

The Hex color **9DA3BD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BDB79D**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **D4DAF5**, and **696F88** is the 20% darker color. If you saturate the color by 10%, you get **8A94BD**, and if you desaturate by 10%, it is **B0B2BD**.

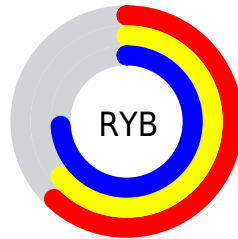
Distribution



Red (62%)

Green (64%)

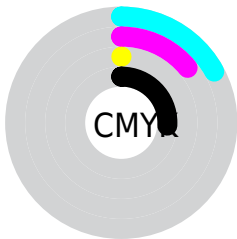
Blue (74%)



Red (62%)

Yellow (64%)

Blue (74%)

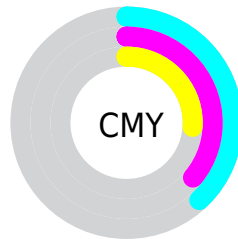


Cyan (17%)

Magenta (14%)

Yellow (0%)

Black (26%)



Cyan (38%)

Magenta (36%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DA3BD 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 9DA3BD by changing the saturation by 10% instead.



9DA3BD



9DA3BD

FFFFFF



8389A2



D4DAF5



696F88



F0F6FF



51576E



394056



232A3F



0E1629



000114



000000



9DA3BD



9DA3BD

8A94BD

B0B2BD

7784BD

C3C2BD

6475BD

D6D1BD

5166BD

E9E0BD

3E56BD

FCF0BD

2C47BD

FFFFBD

1938BD

0628BD

0023BD

Harmonies

Analogous

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



8DA7BC



9DA3BD



AD9FB7

Triad

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



9DA3BD



BE9D93



8CAB9C

Complementary

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



9DA3BD



BDB79D

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.



99A991



9DA3BD



B5A18B

Square

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



9DA3BD



BF9B9E



A8A58B



83ACA9

Rectangle

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



9DA3BD



B69CB0



A8A58B



90AA98

Sweetspot

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



9DA3BD



E9EBF5



9DBDB7



73747A



FAFAFA



7A7A7A

Same Dimension

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



9DA3BD



C4CDF5



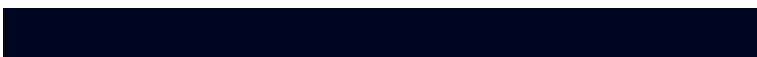
A79DBD



55575E



001E9E



00061F

Inverse Universe

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



BD9DA3



F5C4CD



B3BD9D



5E5557



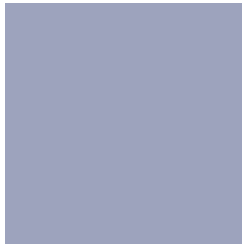
9E001E



1F0006

Previews

White Background



This preview shows how the Hex color 9DA3BD looks on a white background.

Color Contrast Check

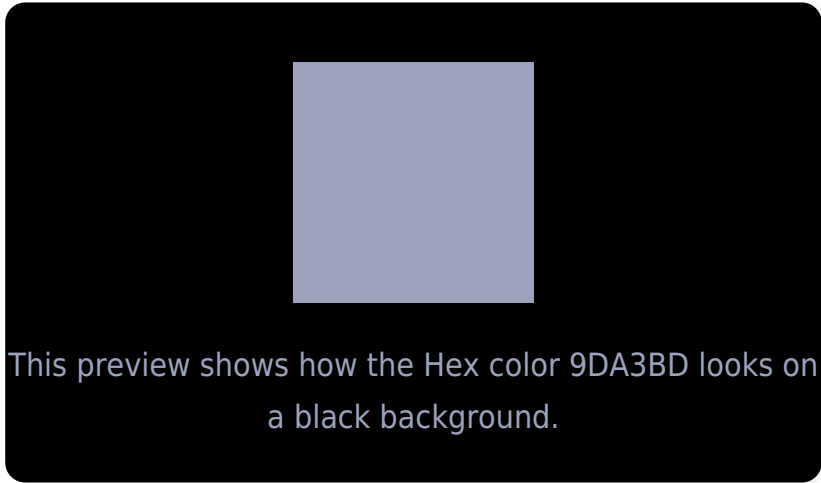
Large Text (above 18pt) WCAG AA × Fail

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

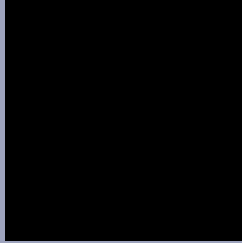
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

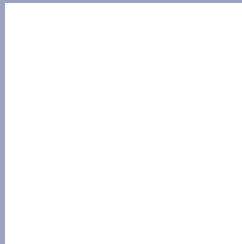
Any Text WCAG AAA ✓ Pass

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

Hex 9DA3BD Background



This preview shows how black text looks on a background with the Hex color 9DA3BD.



This preview shows how white text looks on a background with the Hex color 9DA3BD.

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



Original Color
9DA3BD

Protanopia
9FA2BD

Deuteranopia
A7A0BE



Tritanopia
9BA5B2

Trichromacy



Original Color
9DA3BD

Protanomaly
9EA2BD

Deuteranomaly
A3A1BE

Tritanomaly
9CA4B6

Monochromacy



Original Color
9DA3BD

Achromatopsia
A4A4A4

Achromatomaly
A1A4AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DA3BD 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 #9DA3BD looks like.

```
.text, #text, p{  
    color:#9DA3BD  
}
```

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 #9DA3BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DA3BD }  
}
```

Border

The CSS property to change the border of an element to Hex 9DA3BD 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 #9DA3BD }  
}
```

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

```
.border{ border-color:#9DA3BD }
```

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

Here you see how a box with a 4 pixel #9DA3BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DA3BD; -webkit-box-shadow:4px 4px  
4px 4px #9DA3BD; box-shadow:4px 4px 4px  
4px #9DA3BD }
```

Background

The CSS property to change the background color of an element to Hex 9DA3BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DA3BD }
```

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

```
.background{ background-color:#9DA3BD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor