

Converting Colors

Hex(9DABD6)

Have a look what the booklet for
Hex(9DABD6) contains.

Hex(9DABD6)	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(9DABD6)

Conversions

Conversions Part 1

Format	Color
Hex	9DABD6
RGB	157, 171, 214
RGB Percent	62%, 67%, 84%
CMY	0.3843, 0.3294, 0.1608
CMYK	0.27, 0.20, 0.00, 0.16
HSL	225°, 41%, 73%
HSV	225°, 27%, 84%
XYZ	40.6051, 41.1490, 69.4208
YIQ	171.7160, -22.1470, 10.4050

Conversions

Conversions Part 2

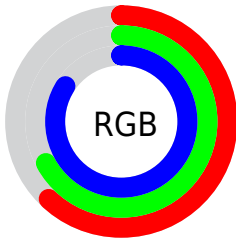
Format	Color
RYB	157, 168, 214
Decimal	10333142
CIELab	70.28, 4.68, -23.38
CIELCh	70, 23.841, 281.314
Yxy	41.1490, 0.2686, 0.2722
Android (android.graphics.Color)	4288523222 (0xFF9DABD6)
YUV	171.7160, 20.8460, -12.9059
Hunter-Lab	64.1475, 0.7319, -19.2608

Details

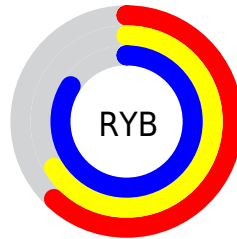
The Hex color **9DABD6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D6C89D**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **D4E2FF**, and **68779F** is the 20% darker color. If you saturate the color by 10%, you get **889BD6**, and if you desaturate by 10%, it is **B2BBD6**.

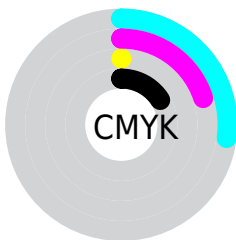
Distribution



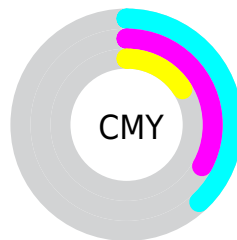
- Red (62%)
- Green (67%)
- Blue (84%)



- Red (62%)
- Yellow (66%)
- Blue (84%)



- Cyan (27%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)



- Cyan (38%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DABD6 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 9DABD6 by changing the saturation by 10% instead.

■ 9DABD6

■ 9DABD6

FFFFFF

■ 8291BA

■ D4E2FF

■ 68779F

■ F1FFFF

■ 4F5E85

■ 36476C

■ 1E3153

■ 021C3C

■ 000026

■ 00010F

■ 000000

 9DABD6

 9DABD6

 889BD6

 B2BBD6

 728BD6

 C8CBD6

 5D7BD6

 DDDBD6

 476AD6

 F3ECD6

 325AD6

 FFFCD6

 1D4AD6

 FFFF6D6

 073AD6

 0035D6

Harmonies

Analogous

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



80B2D4



9DABD6



BAA4CC

Triad

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



9DABD6



D59F90



83B79D

Complementary

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



9DABD6



D6C89D

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.



9BB38B



9DABD6



C8A683

Square

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



9DABD6



D89CA4



B4AD81



71B8B4

Rectangle

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



9DABD6



C99FC1



B4AD81



8BB696

Sweetspot

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



9DABD6



EBF0FF



9DD6C8



737680



000000



808080

Same Dimension

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



9DABD6



ADC1FF



AB9DD6



60636B



002AAB



000B2B

Inverse Universe

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



D69DAB



FFADC1



C8D69D



6B6063



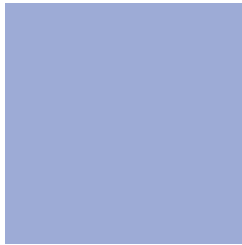
AB002A



2B000B

Previews

White Background



This preview shows how the Hex color 9DABD6 looks on a white background.

Color Contrast Check

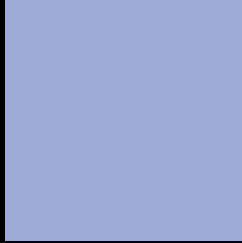
Large Text (above 18pt) WCAG AA × Fail

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 9DABD6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

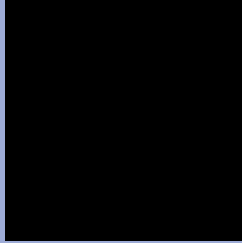
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

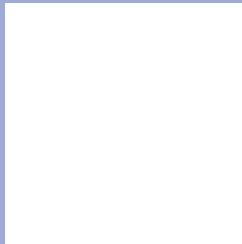
Any Text WCAG AAA ✓ Pass

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

Hex 9DABD6 Background



This preview shows how black text looks on a background with the Hex color 9DABD6.



This preview shows how white text looks on a background with the Hex color 9DABD6.

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
9DABD6

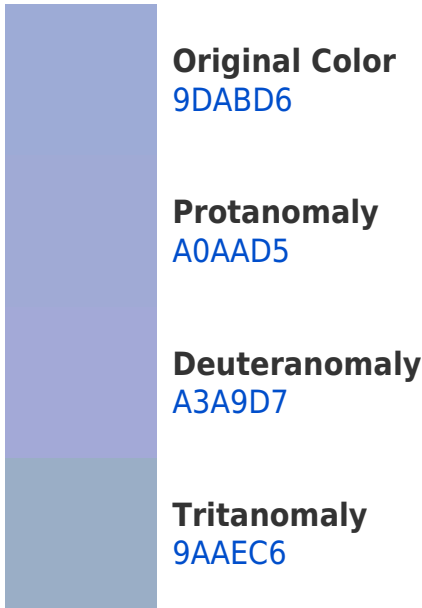
Protanopia
A1AAD5

Deuteranopia
A6A8D7

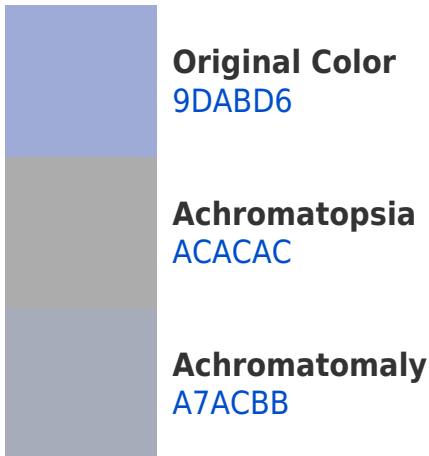


Tritanopia
98AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DABD6 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 #9DABD6 looks like.

```
.text, #text, p{  
    color:#9DABD6  
}
```

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 #9DABD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DABD6
}
```

Border

The CSS property to change the border of an element to Hex 9DABD6 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
#9DABD6 }
```

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

```
.border{ border-color:#9DABD6 }
```

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

Here you see how a box with a 4 pixel #9DABD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DABD6; -webkit-box-shadow:4px 4px  
4px 4px #9DABD6; box-shadow:4px 4px 4px  
4px #9DABD6 }
```

Background

The CSS property to change the background color of an element to Hex 9DABD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DABD6 }
```

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

```
.background{ background-color:#9DABD6 }
```

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