

Converting Colors

Hex(9A96DB)

Have a look what the booklet for
Hex(9A96DB) contains.

Hex(9A96DB)	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(9A96DB)

Conversions

Conversions Part 1

Format	Color
Hex	9A96DB
RGB	154, 150, 219
RGB Percent	60%, 59%, 86%
CMY	0.3961, 0.4118, 0.1412
CMYK	0.30, 0.32, 0.00, 0.14
HSL	243°, 49%, 72%
HSV	243°, 32%, 86%
XYZ	37.0190, 33.7972, 71.5902
YIQ	159.0620, -19.7650, 22.3070

Conversions

Conversions Part 2

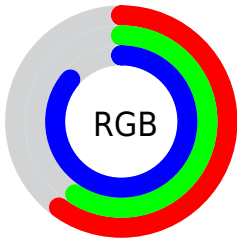
Format	Color
RYB	154, 150, 219
Decimal	10131163
CIELab	64.80, 16.86, -34.60
CIElCh	65, 38.490, 295.985
Yxy	33.7972, 0.2600, 0.2373
Android (android.graphics.Color)	4288321243 (0xFF9A96DB)
YUV	159.0620, 29.5494, -4.4394
Hunter-Lab	58.1354, 11.9269, -32.3174

Details

The Hex color **9A96DB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D7DB96**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **D2CCFF**, and **6563A4** is the 20% darker color. If you saturate the color by 10%, you get **8580DB**, and if you desaturate by 10%, it is **AFACDB**.

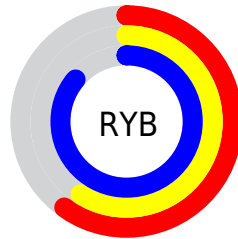
Distribution



Red (60%)

Green (59%)

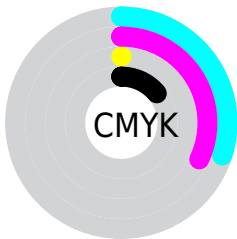
Blue (86%)



Red (60%)

Yellow (59%)

Blue (86%)

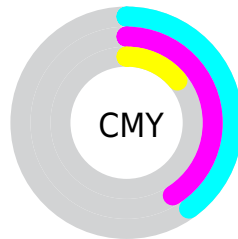


Cyan (30%)

Magenta (32%)

Yellow (0%)

Black (14%)



Cyan (40%)

Magenta (41%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A96DB 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 9A96DB by changing the saturation by 10% instead.

■ 9A96DB

■ 9A96DB

FFFFFF

■ 7F7CBF

■ D2CCFF

■ 6563A4

■ EFE8FF

■ 4B4B89

■ 31356F

■ 162057

■ 000A3F

■ 000328

■ 000112

■ 000000

 9A96DB

 9A96DB

 8580DB

 AFACDB

 716ADB

 C3C2DB

 5C54DB

 D8D8DB

 473EDB

 EDEEDB

 3329DB

 FFFFDB

 1E13DB

 0D00DB

Harmonies

Analogous

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



60A2E1



9A96DB



C48AC4

Triad

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



9A96DB



D28D65



39AF97

Complementary

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



9A96DB



D7DB96

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.



6CAC75



9A96DB



B79A58

Square

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



9A96DB



DF8481



95A45E



00AFBA

Rectangle

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



9A96DB



D684AF



95A45E



4CAE8B

Sweetspot

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



9A96DB



E9E8FF



96D8DB



727180



000000



808080

Same Dimension

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



9A96DB



A49EFF



BC96DB



63636E



0A00AD



03002E

Inverse Universe

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



DB96D7



FF9EF9



B5DB96



6E636D



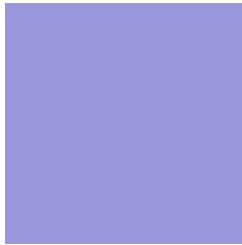
AD00A3



2E002B

Previews

White Background



This preview shows how the Hex color 9A96DB looks on a white background.

Color Contrast Check

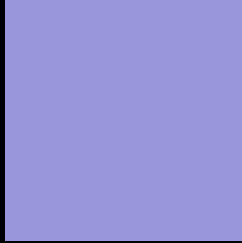
Large Text (above 18pt) WCAG AA × Fail

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 9A96DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

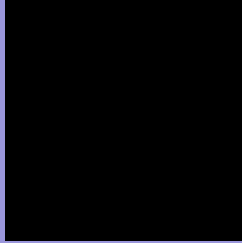
Any Text WCAG AA ✓ Pass

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 9A96DB Background



This preview shows how black text looks on a background with the Hex color 9A96DB.

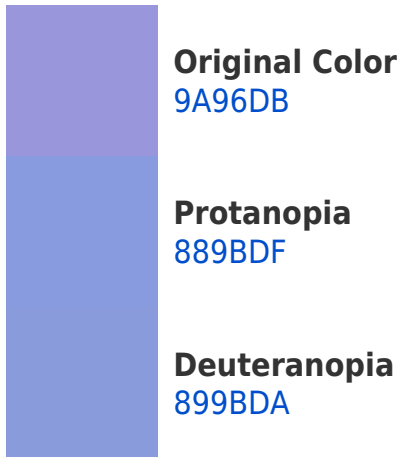


This preview shows how white text looks on a background with the Hex color 9A96DB.

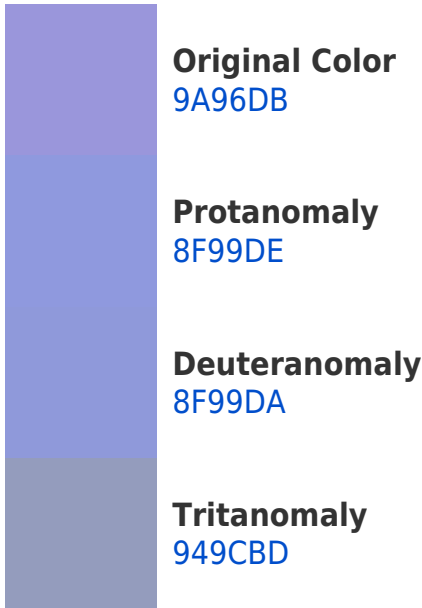
Color Blindness Simulation

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](#).

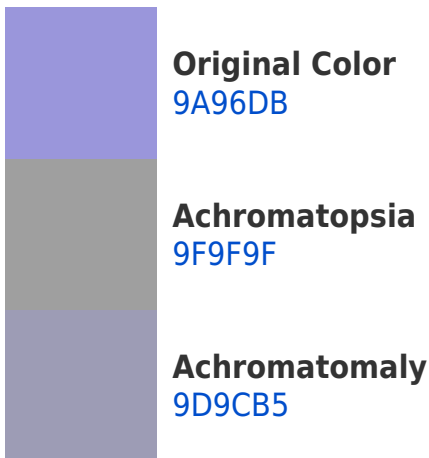
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A96DB 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 #9A96DB looks like.

```
.text, #text, p{  
    color:#9A96DB  
}
```

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 #9A96DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A96DB  
}
```

Border

The CSS property to change the border of an element to Hex 9A96DB is called "border". The border property can be set on classes, ids or directly on the HTML element.

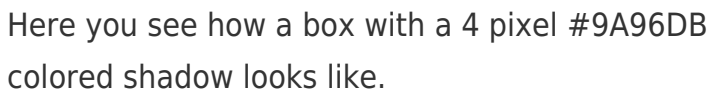
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9A96DB }
```

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

```
.border{ border-color:#9A96DB }
```

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



Here you see how a box with a 4 pixel #9A96DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A96DB; -webkit-box-shadow:4px 4px  
4px 4px #9A96DB; box-shadow:4px 4px 4px  
4px #9A96DB }
```

Background

The CSS property to change the background color of an element to Hex 9A96DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A96DB }
```

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

```
.background{ background-color:#9A96DB }
```

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