

Converting Colors

Hex(9A99D0)

Have a look what the booklet for
Hex(9A99D0) contains.

Hex(9A99D0)	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(9A99D0)

Conversions

Conversions Part 1

Format	Color
Hex	9A99D0
RGB	154, 153, 208
RGB Percent	60%, 60%, 82%
CMY	0.3961, 0.4000, 0.1843
CMYK	0.26, 0.26, 0.00, 0.18
HSL	241°, 37%, 71%
HSV	241°, 26%, 82%
XYZ	36.1028, 34.2066, 64.3742
YIQ	159.5690, -17.0590, 17.3170

Conversions

Conversions Part 2

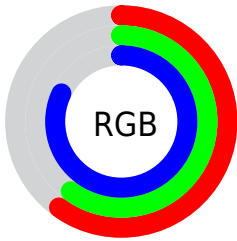
Format	Color
RYB	154, 153, 208
Decimal	10131920
CIELab	65.13, 12.43, -27.99
CIELCh	65, 30.622, 293.940
Yxy	34.2066, 0.2681, 0.2540
Android (android.graphics.Color)	4288322000 (0xFF9A99D0)
YUV	159.5690, 23.8765, -4.8840
Hunter-Lab	58.4864, 7.8344, -24.3183

Details

The Hex color **9A99D0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CFD099**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **D1CFFF**, and **666699** is the 20% darker color. If you saturate the color by 10%, you get **8684D0**, and if you desaturate by 10%, it is **AEAED0**.

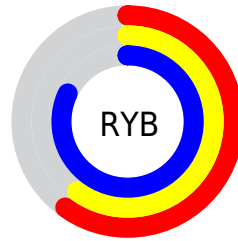
Distribution



Red (60%)

Green (60%)

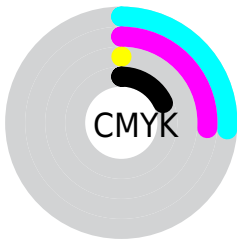
Blue (82%)



Red (60%)

Yellow (60%)

Blue (82%)

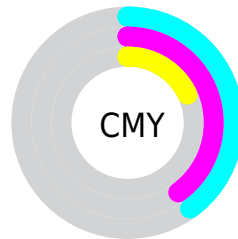


Cyan (26%)

Magenta (26%)

Yellow (0%)

Black (18%)



Cyan (40%)

Magenta (40%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A99D0 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 9A99D0 by changing the saturation by 10% instead.

■ 9A99D0

■ 9A99D0

FFFFFF

■ 7F7FB4

■ D1CFFF

■ 666699

■ EEEBFF

■ 4C4E7F

■ 343766

■ 1B224E

■ 010D37

■ 000221

■ 000006

■ 000000

■ 9A99D0

■ 9A99D0

■ 8684D0

■ AEAED0

■ 716FD0

■ C3C3D0

■ 5D5BD0

■ D7D7D0

■ 4846D0

■ ECECD0

■ 3431D0

■ FFFFD0

■ 1F1CD0

■ 0B07D0

■ 0400D0

Harmonies

Analogous

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



70A2D4



9A99D0



BC90BF

Triad

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



9A99D0



CB9173



5AAD97

Complementary

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



9A99D0



CFD099

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.



7BA97D



9A99D0



B69A68

Square

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



9A99D0



D48B89



9AA36B



42ADB3

Rectangle

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



9A99D0



CB8BAE



9AA36B



65AC8E

Sweetspot

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



9A99D0



EBEBFF



99CFD0



737380



000000



808080

Same Dimension

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



9A99D0



AFADFF



B599D0



5E5E69



0300A8



010029

Inverse Universe

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



D099CF



FFADFE



B4D099



695E68



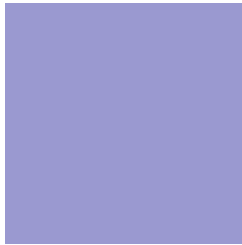
A800A5



290028

Previews

White Background



This preview shows how the Hex color 9A99D0 looks on a white background.

Color Contrast Check

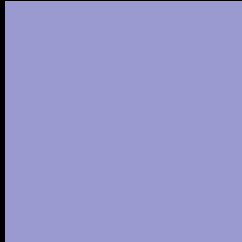
Large Text (above 18pt) WCAG AA × Fail

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 9A99D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

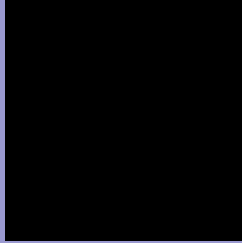
Any Text WCAG AA ✓ Pass

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 9A99D0 Background



This preview shows how black text looks on a background with the Hex color 9A99D0.



This preview shows how white text looks on a background with the Hex color 9A99D0.

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
9A99D0

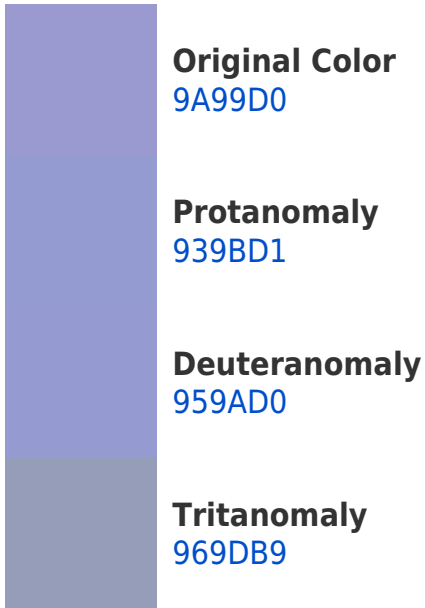
Protanopia
8F9CD2

Deuteranopia
929BD0

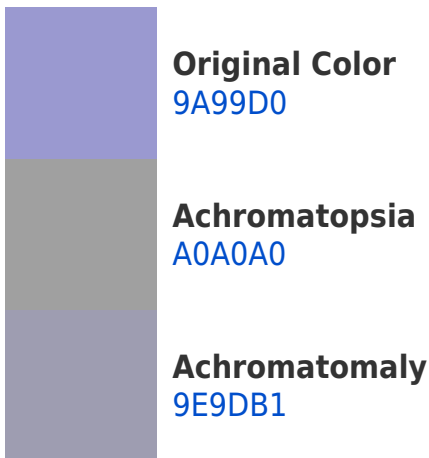


Tritanopia
93A0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A99D0 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 #9A99D0 looks like.

```
.text, #text, p{  
    color:#9A99D0  
}
```

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 #9A99D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A99D0
}
```

Border

The CSS property to change the border of an element to Hex 9A99D0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

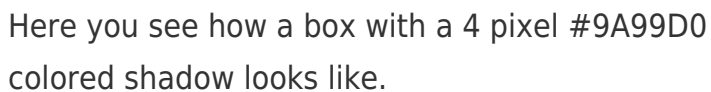
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A99D0 }
```

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

```
.border{ border-color:#9A99D0 }
```

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



Here you see how a box with a 4 pixel #9A99D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A99D0; -webkit-box-shadow:4px 4px  
4px 4px #9A99D0; box-shadow:4px 4px 4px  
4px #9A99D0 }
```

Background

The CSS property to change the background color of an element to Hex 9A99D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A99D0 }
```

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

```
.background{ background-color:#9A99D0 }
```

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