

Converting Colors

Hex(9851B0)

Have a look what the booklet for
Hex(9851B0) contains.

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Color

Hex(9851B0)

Conversions

Conversions Part 1

Format	Color
Hex	9851B0
RGB	152, 81, 176
RGB Percent	60%, 32%, 69%
CMY	0.4039, 0.6824, 0.3098
CMYK	0.14, 0.54, 0.00, 0.31
HSL	285°, 38%, 50%
HSV	285°, 54%, 69%
XYZ	23.7278, 15.6948, 42.8531
YIQ	113.0590, 11.8210, 44.5970

Conversions

Conversions Part 2

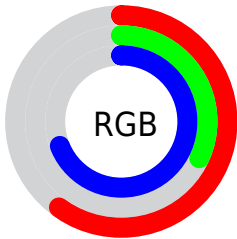
Format	Color
R_{YB}	152, 81, 176
Decimal	9982384
CIE _{Lab}	46.57, 45.13, -38.69
CIE _{LCh}	47, 59.438, 319.394
Yxy	15.6948, 0.2884, 0.1908
Android (android.graphics.Color)	4288172464 (0xFF9851B0)
YUV	113.0590, 31.0299, 34.1513
Hunter-Lab	39.6167, 37.5804, -36.4018

Details

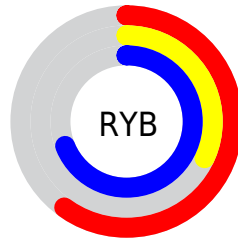
The Hex color **9851B0** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **69B051**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **D085E8**, and **621E7B** is the 20% darker color. If you saturate the color by 10%, you get **943FB0**, and if you desaturate by 10%, it is **9C63B0**.

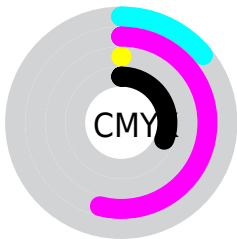
Distribution



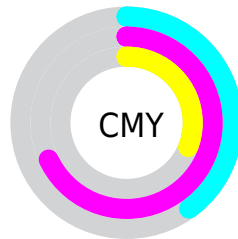
- Red (60%)
- Green (32%)
- Blue (69%)



- Red (60%)
- Yellow (32%)
- Blue (69%)



- Cyan (14%)
- Magenta (54%)
- Yellow (0%)
- Black (31%)



- Cyan (40%)
- Magenta (68%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9851B0 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 9851B0 by changing the saturation by 10% instead.

 9851B0

 9851B0

FFFFFF

 7D3895

 D085E8

 621E7B

 EDA0FF

 480062

 FFBCFF

 2F0049

 FFD8FF

 180032

 FFF5FF

 00011C

 000000

 9851B0

 9851B0

 943FB0

 9C63B0

 8F2EB0

 A174B0

 8B1CB0

 A586B0

 860BB0

 AA97B0

 8400B0

 AEA9B0

 B3BBB0

 B7CCB0

 BCDEB0

 C0EFB0

Harmonies

Analogous

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



4469CD



9851B0



BE3B82

Triad

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



9851B0



946600



00858E

Complementary

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



9851B0



69B051

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.



00845A



9851B0



667600

Square

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



9851B0



B55022



217F27



0082BA

Rectangle

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



9851B0



C63861



217F27



00857D

Sweetspot

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



9851B0



DCC1E6



516AB0



6D5D73



F2F2F2



737373

Same Dimension

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



9851B0



C050E6



B0519A



575059



720099



13001A

Inverse Universe

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



B05169



E65076



51B067



595053



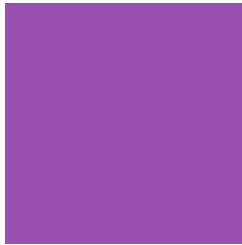
990027



1A0006

Previews

White Background



This preview shows how the Hex color 9851B0 looks on a white background.

Color Contrast Check

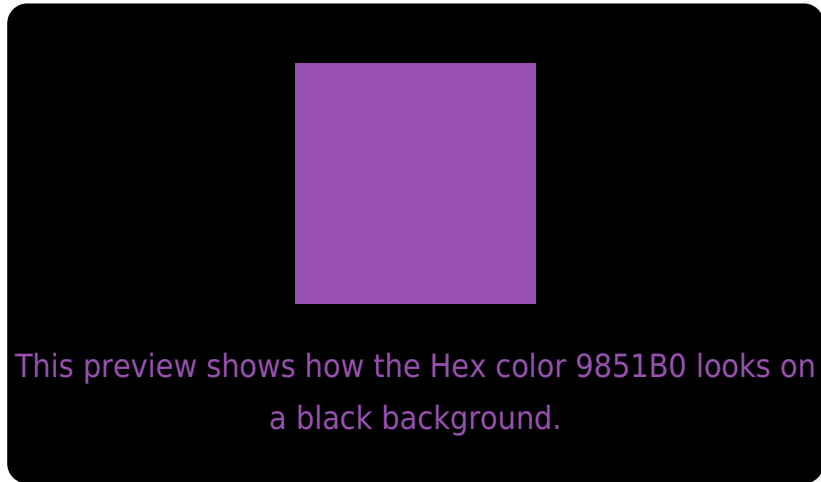
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

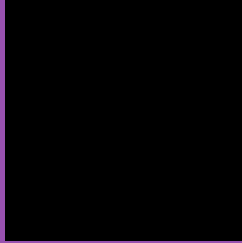
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 9851B0 Background



This preview shows how black text looks on a background with the Hex color 9851B0.

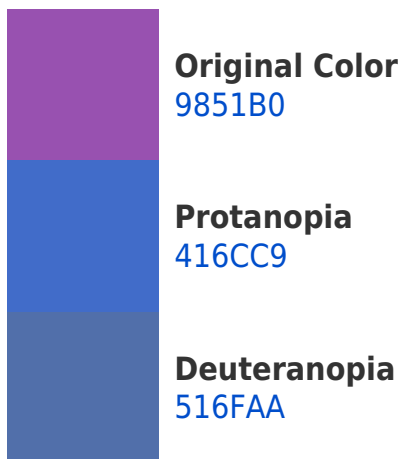



This preview shows how white text looks on a background with the Hex color 9851B0.

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](#).

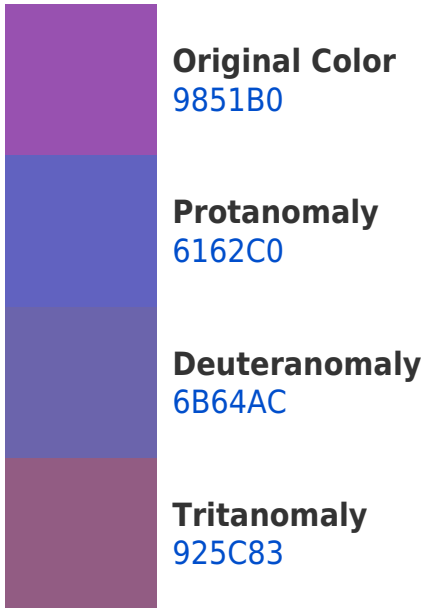
Dichromacy



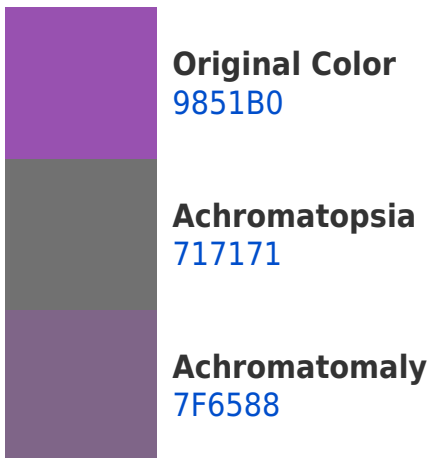


Tritanopia
8E636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9851B0 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 #9851B0 looks like.

```
.text, #text, p{  
    color:#9851B0  
}
```

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 #9851B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9851B0
}
```

Border

The CSS property to change the border of an element to Hex 9851B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

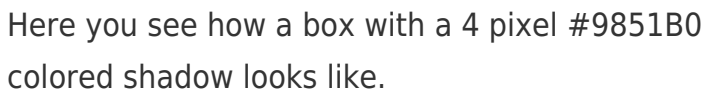
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9851B0 }
```

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

```
.border{ border-color:#9851B0 }
```

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



Here you see how a box with a 4 pixel #9851B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9851B0; -webkit-box-shadow:4px 4px  
4px 4px #9851B0; box-shadow:4px 4px 4px  
4px #9851B0 }
```

Background

The CSS property to change the background color of an element to Hex 9851B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9851B0 }
```

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

```
.background{ background-color:#9851B0 }
```

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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