

# Converting Colors

Hex(9B8EC6)

Have a look what the booklet for  
Hex(9B8EC6) contains.

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# Color

**Hex(9B8EC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B8EC6
RGB	155, 142, 198
RGB Percent	61%, 56%, 78%
CMY	0.3922, 0.4431, 0.2235
CMYK	0.22, 0.28, 0.00, 0.22
HSL	254°, 33%, 67%
HSV	254°, 28%, 78%
XYZ	33.3836, 30.3918, 57.5328
YIQ	152.2710, -10.2280, 20.1720

# Conversions

## Conversions Part 2

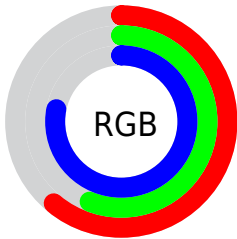
Format	Color
<a href="#">RYB</a>	<a href="#">155, 142, 198</a>
Decimal	<a href="#">10194630</a>
CIELab	<a href="#">61.99, 16.61, -27.22</a>
CIElCh	<a href="#">62, 31.890, 301.391</a>
Yxy	<a href="#">30.3918, 0.2752, 0.2505</a>
Android (android.graphics.Color)	<a href="#">4288384710</a> ( <a href="#">0xFF9B8EC6</a> )
YUV	<a href="#">152.2710, 22.5444, 2.3933</a>
Hunter-Lab	<a href="#">55.1287, 11.6167, -23.2854</a>

# Details

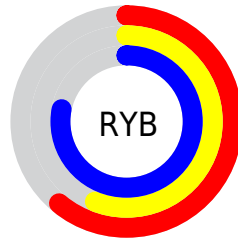
The Hex color **9B8EC6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B9C68E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **D2C4FF**, and **675C90** is the 20% darker color. If you saturate the color by 10%, you get **8C7AC6**, and if you desaturate by 10%, it is **AAA2C6**.

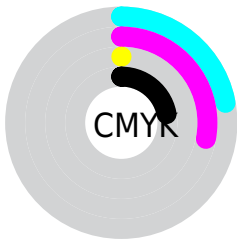
# Distribution



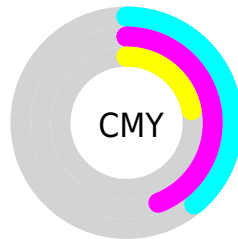
- Red (61%)
- Green (56%)
- Blue (78%)



- Red (61%)
- Yellow (56%)
- Blue (78%)



- Cyan (22%)
- Magenta (28%)
- Yellow (0%)
- Black (22%)



- Cyan (39%)
- Magenta (44%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B8EC6 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 9B8EC6 by changing the saturation by 10% instead.





9B8EC6



9B8EC6

FFFFFF



8174AB



D2C4FF



675C90



EFE0FF



4E4476



FFFCFF



362E5D



1E1945



0A002F



000119



000000



9B8EC6



9B8EC6

 8C7AC6

 AAA2C6

 7D66C6

 B9B6C6

 6D53C6

 C9C9C6

 5E3FC6

 D8DDC6

 4F2BC6

 E7F1C6

 4017C6

 F6FFC6

 3103C6

 FFFFC6

 2E00C6

# Harmonies

## Analogous

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



7098CE



9B8EC6



BB85B1

# Triad

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



9B8EC6



BF8B65



45A596

# Complementary

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



9B8EC6



B9C68E

# 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.



68A37A



9B8EC6



A8945D

# Square

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



9B8EC6



CC837A



8A9D65



2CA4B2

# Rectangle

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



9B8EC6



C8819F



8A9D65



51A58C



# Sweetspot

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



9B8EC6



EFE8FF



8EBAC6



767380



000000



808080



# Same Dimension

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



9B8EC6



BCA8FF



B68EC6



5C5A63



2600A3



080024



# Inverse Universe

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



C68EB9



FFA8EB



9EC68E



635A61



A3007D



24001B



# Previews

## White Background



This preview shows how the Hex color 9B8EC6 looks on a white background.

## Color Contrast Check

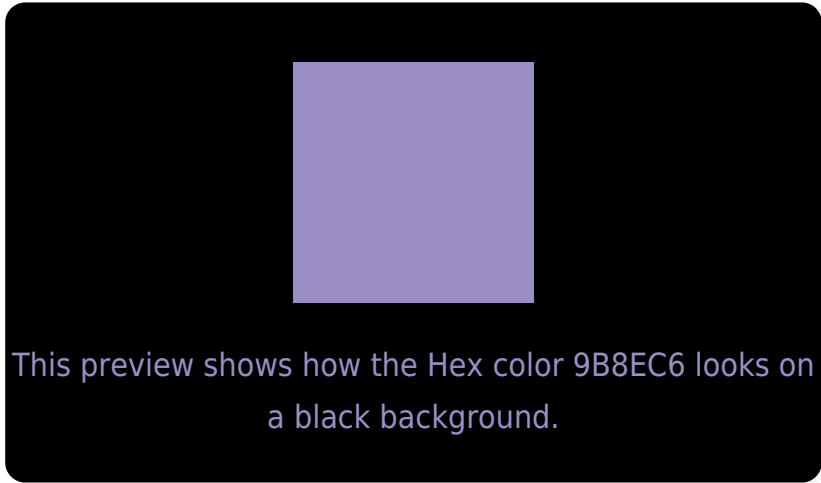
Large Text (above 18pt) WCAG AA × Fail

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

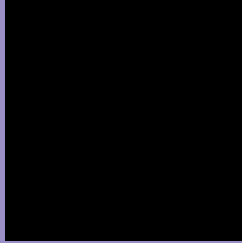
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9B8EC6 Background



This preview shows how black text looks on a background with the Hex color 9B8EC6.

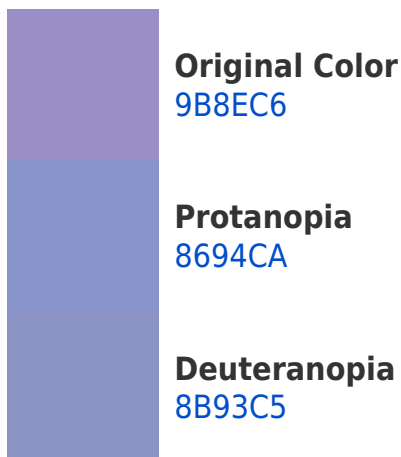


This preview shows how white text looks on a background with the Hex color 9B8EC6.

# 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](#).

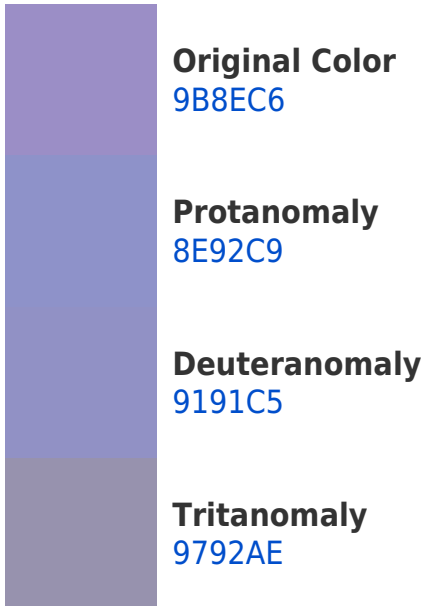
## Dichromacy



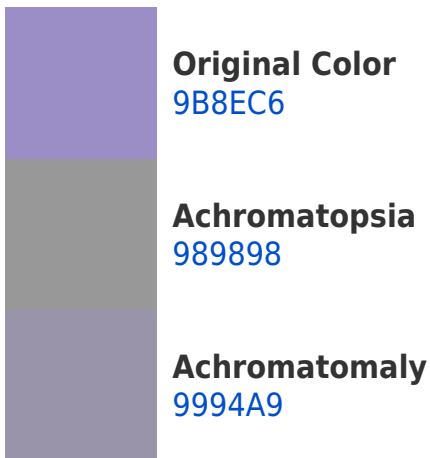


**Tritanopia**  
9495A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B8EC6 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 #9B8EC6 looks like.

```
.text, #text, p{  
  color:#9B8EC6  
}
```

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 #9B8EC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8EC6  
}
```

## Border

The CSS property to change the border of an element to Hex 9B8EC6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

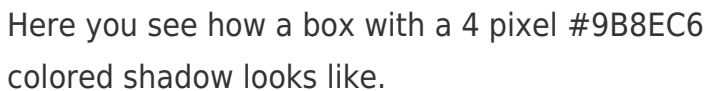
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9B8EC6 }
```

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

```
.border{ border-color:#9B8EC6 }
```

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



Here you see how a box with a 4 pixel #9B8EC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8EC6; -webkit-box-shadow:4px 4px  
4px 4px #9B8EC6; box-shadow:4px 4px 4px  
4px #9B8EC6 }
```

# Background

The CSS property to change the background color of an element to Hex 9B8EC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8EC6 }
```

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

```
.background{ background-color:#9B8EC6 }
```

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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