

# Converting Colors

Hex(9B8CB5)

Have a look what the booklet for  
Hex(9B8CB5) contains.

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# **Color**

**Hex(9B8CB5)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 9B8CB5                     |
| RGB         | 155, 140, 181              |
| RGB Percent | 61%, 55%, 71%              |
| CMY         | 0.3922, 0.4510, 0.2902     |
| CMYK        | 0.14, 0.23, 0.00, 0.29     |
| HSL         | 262°, 22%, 63%             |
| HSV         | 262°, 23%, 71%             |
| XYZ         | 31.2361, 29.0609, 47.6791  |
| YIQ         | 149.1590, -4.2210, 15.9310 |

# Conversions

## Conversions Part 2

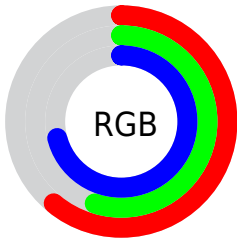
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">155, 140, 181</a>                 |
| Decimal                             | <a href="#">10194101</a>                      |
| CIELab                              | <a href="#">60.84, 13.86, -19.40</a>          |
| CIElCh                              | <a href="#">61, 23.842, 305.540</a>           |
| Yxy                                 | <a href="#">29.0609, 0.2893,<br/>0.2691</a>   |
| Android<br>(android.graphics.Color) | <a href="#">4288384181<br/>(0xFF9B8CB5)</a>   |
| YUV                                 | <a href="#">149.1590, 15.6976,<br/>5.1226</a> |
| Hunter-Lab                          | <a href="#">53.9082, 9.0893,<br/>-14.7033</a> |

# Details

The Hex color **9B8CB5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **A6B58C**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **D2C2ED**, and **675A80** is the 20% darker color. If you saturate the color by 10%, you get **907AB5**, and if you desaturate by 10%, it is **A69EB5**.

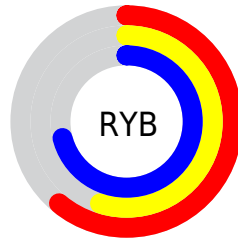
# Distribution



Red (61%)

Green (55%)

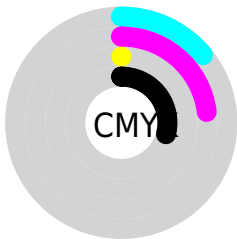
Blue (71%)



Red (61%)

Yellow (55%)

Blue (71%)

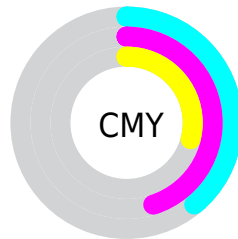


Cyan (14%)

Magenta (23%)

Yellow (0%)

Black (29%)



Cyan (39%)

Magenta (45%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B8CB5 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 9B8CB5 by changing the saturation by 10% instead.



■ 9B8CB5

■ 9B8CB5

FFFFFF

■ 81729A

■ D2C2ED

■ 675A80

■ EEDDFF

■ 4F4267

■ FFFAFF

■ 382C4F

■ 211738

■ 0F0022

■ 000009

■ 000000

■ 9B8CB5

■ 9B8CB5

 907AB5

 A69EB5

 8468B5

 B2B0B5

 7956B5

 BDC2B5

 6D44B5

 C9D4B5

 6232B5

 D4E7B5

 561FB5

 E0F9B5

 4B0DB5

 EBFFB5

 4200B5

 F7FFB5

 FFFFB5

# Harmonies

## Analogous

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



7E93BC



9B8CB5



B186A5

# Triad

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



9B8CB5



B18C6D



5A9F96

# Complementary

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



9B8CB5



A6B58C

# 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.



6F9D81



9B8CB5



9E9369

# Square

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



9B8CB5



BC867B



879970



539DAA

# Rectangle

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



9B8CB5



BA8497



879970



609E8F



# Sweetspot

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



9B8CB5



E0DAEB



8CA7B5



6F6C75



F5F5F5



757575



# Same Dimension

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



9B8CB5



C2ABEB



AF8CB5



545059



380099



09001A



# Inverse Universe

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



B58CA6



EBABD3



92B58C



595056



990061

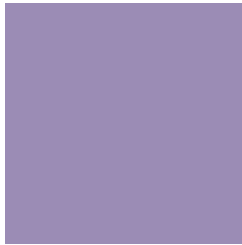


1A0010



# Previews

## White Background



This preview shows how the Hex color 9B8CB5 looks on a white background.

## Color Contrast Check

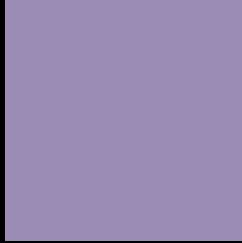
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 9B8CB5 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 × Fail

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



## Hex 9B8CB5 Background



This preview shows how black text looks on a background with the Hex color 9B8CB5.




This preview shows how white text looks on a background with the Hex color 9B8CB5.

# 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](#).

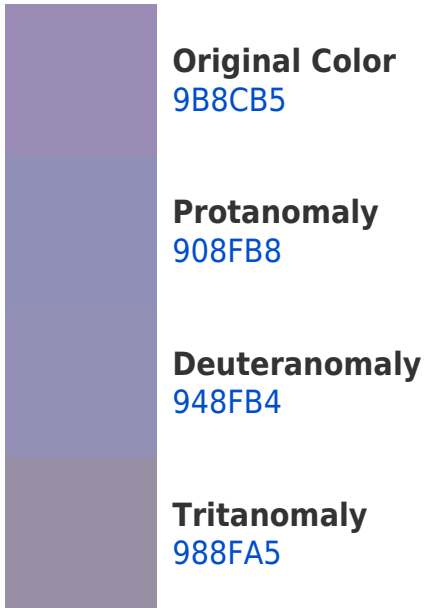
## Dichromacy





**Tritanopia**  
97919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B8CB5 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 #9B8CB5 looks like.

```
.text, #text, p{  
    color:#9B8CB5  
}
```

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 #9B8CB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8CB5
}
```

## Border

The CSS property to change the border of an element to Hex 9B8CB5 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
#9B8CB5 }
```

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

```
.border{ border-color:#9B8CB5 }
```

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

Here you see how a box with a 4 pixel #9B8CB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8CB5; -webkit-box-shadow:4px 4px  
4px 4px #9B8CB5; box-shadow:4px 4px 4px  
4px #9B8CB5 }
```

# Background

The CSS property to change the background color of an element to Hex 9B8CB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8CB5 }
```

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

```
.background{ background-color:#9B8CB5 }
```

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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