

# Converting Colors

Hex(9C83B7)

Have a look what the booklet for  
Hex(9C83B7) contains.

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# Color

**Hex(9C83B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C83B7
RGB	156, 131, 183
RGB Percent	61%, 51%, 72%
CMY	0.3882, 0.4863, 0.2824
CMYK	0.15, 0.28, 0.00, 0.28
HSL	269°, 27%, 62%
HSV	269°, 28%, 72%
XYZ	30.3738, 26.7194, 48.3562
YIQ	144.4030, -1.7920, 21.4720

# Conversions

## Conversions Part 2

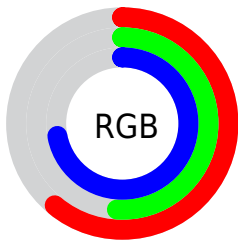
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 131, 183
Decimal	10257335
CIELab	58.71, 19.80, -23.77
CIELCh	59, 30.938, 309.788
Yxy	26.7194, 0.2880, 0.2534
Android (android.graphics.Color)	4288447415 (0xFF9C83B7)
YUV	144.4030, 19.0283, 10.1706
Hunter-Lab	51.6908, 14.4287, -19.2816

# Details

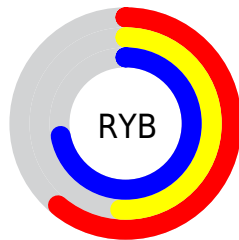
The Hex color **9C83B7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **9EB783**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **D3B8EF**, and **685182** is the 20% darker color. If you saturate the color by 10%, you get **9271B7**, and if you desaturate by 10%, it is **A695B7**.

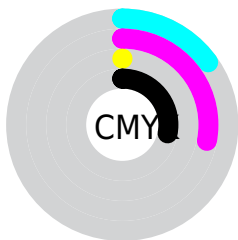
# Distribution



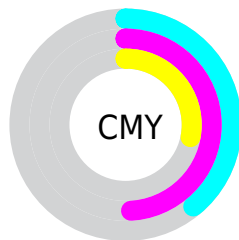
- Red (61%)
- Green (51%)
- Blue (72%)



- Red (61%)
- Yellow (51%)
- Blue (72%)



- Cyan (15%)
- Magenta (28%)
- Yellow (0%)
- Black (28%)



- Cyan (39%)
- Magenta (49%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C83B7 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 9C83B7 by changing the saturation by 10% instead.



 9C83B7

 9C83B7

FFFFFF

 826A9C

 D3B8EF

 685182

 F0D4FF

 4F3A69

 FFF0FF

 382450

 210F39

 0B0024

 00000B

 000000

 9C83B7

 9C83B7

9271B7

A695B7

895EB7

AFA8B7

7F4CB7

B9BAB7

763AB7

C2CCB7

6C27B7

CCDEB7

6315B7

D5F1B7

5903B7

DFFFB7

5800B7

E8FFB7

F2FFB7

# Harmonies

## Analogous

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



758DC2



9C83B7



B77BA1

# Triad

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



9C83B7



AF855B



369C95

# Complementary

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



9C83B7



9EB783

# 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.



589A7A



9C83B7



978E57

# Square

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



9C83B7



BF7D6C



799663



279AAF

# Rectangle

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



9C83B7



C0788E



799663



419C8C



# Sweetspot

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



9C83B7



E2D8ED



839FB7



716B78



F7F7F7



787878



# Same Dimension

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



9C83B7



C39DED



B583B7



57535C



4B009C



0D001C



# Inverse Universe

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



B7839E



ED9DC6



85B783



5C5357



9C0051

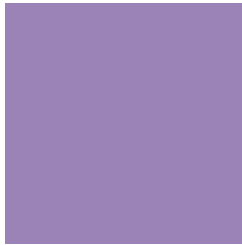


1C000F



# Previews

## White Background



This preview shows how the Hex color 9C83B7 looks on a white background.

## Color Contrast Check

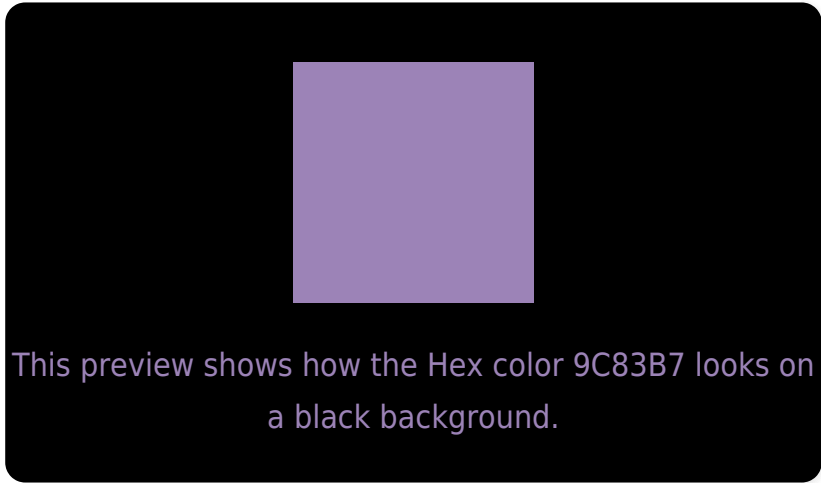
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

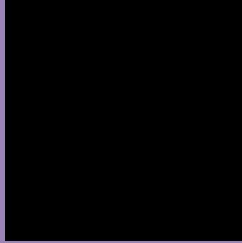
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C83B7 Background



This preview shows how black text looks on a background with the Hex color 9C83B7.

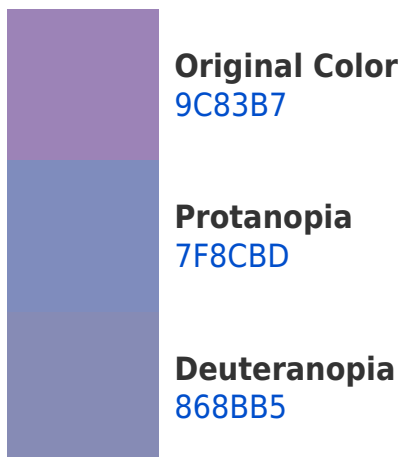


This preview shows how white text looks on a background with the Hex color 9C83B7.

# 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**  
968A94

# Trichromacy



**Original Color**  
9C83B7

**Protanomaly**  
8A89BB

**Deuteranomaly**  
8E88B6

**Tritanomaly**  
9887A1

# Monochromacy



**Original Color**  
9C83B7

**Achromatopsia**  
909090

**Achromatomaly**  
948B9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C83B7 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 #9C83B7 looks like.

```
.text, #text, p{  
    color:#9C83B7  
}
```

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 #9C83B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C83B7
}
```

## Border

The CSS property to change the border of an element to Hex 9C83B7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

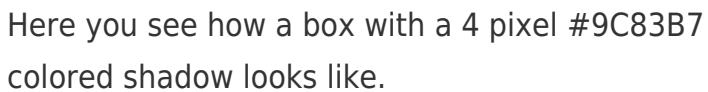
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C83B7 }
```

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

```
.border{ border-color:#9C83B7 }
```

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



Here you see how a box with a 4 pixel #9C83B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C83B7; -webkit-box-shadow:4px 4px  
4px 4px #9C83B7; box-shadow:4px 4px 4px  
4px #9C83B7 }
```

# Background

The CSS property to change the background color of an element to Hex 9C83B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C83B7 }
```

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

```
.background{ background-color:#9C83B7 }
```

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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