

# Converting Colors

Hex(9D83B3)

Have a look what the booklet for  
Hex(9D83B3) contains.

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# **Color**

**Hex(9D83B3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D83B3
RGB	157, 131, 179
RGB Percent	62%, 51%, 70%
CMY	0.3843, 0.4863, 0.2980
CMYK	0.12, 0.27, 0.00, 0.30
HSL	272°, 24%, 61%
HSV	272°, 27%, 70%
XYZ	30.1576, 26.6554, 46.2033
YIQ	144.2460, 0.0880, 20.4400

# Conversions

## Conversions Part 2

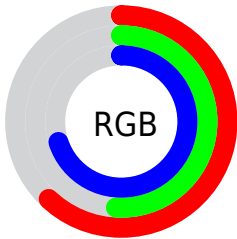
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 131, 179
Decimal	10322867
CIELab	58.65, 19.24, -21.58
CIELCh	59, 28.912, 311.727
Yxy	26.6554, 0.2927, 0.2587
Android (android.graphics.Color)	4288512947 (0xFF9D83B3)
YUV	144.2460, 17.1337, 11.1853
Hunter-Lab	51.6288, 13.9155, -16.9192

# Details

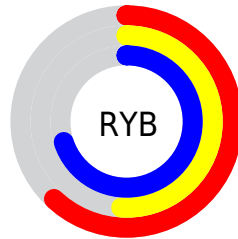
The Hex color **9D83B3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **99B383**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **D4B8EB**, and **69517E** is the 20% darker color. If you saturate the color by 10%, you get **9571B3**, and if you desaturate by 10%, it is **A595B3**.

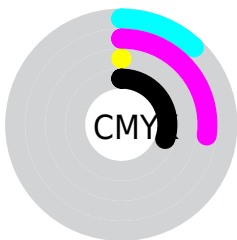
# Distribution



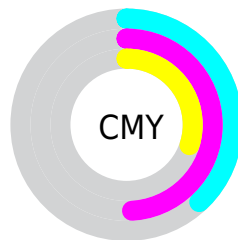
- Red (62%)
- Green (51%)
- Blue (70%)



- Red (62%)
- Yellow (51%)
- Blue (70%)



- Cyan (12%)
- Magenta (27%)
- Yellow (0%)
- Black (30%)



- Cyan (38%)
- Magenta (49%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D83B3 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 9D83B3 by changing the saturation by 10% instead.



 9D83B3

 9D83B3

FFFFFF

 836A98

 D4B8EB

 69517E

 F1D4FF

 503A65

 FFF0FF

 39244D

 220F36

 0C0021

 000005

 000000

 9D83B3

 9D83B3

9571B3

A595B3

8D5FB3

ADA7B3

844DB3

B6B9B3

7C3BB3

BECBB3

742AB3

C6DCB3

6C18B3

CEEEB3

6406B3

D6FFB3

6100B3

DFFFB3

E7FFB3

# Harmonies

## Analogous

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



7A8CBE



9D83B3



B57C9E

# Triad

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



9D83B3



AC865D



3E9B96

# Complementary

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



9D83B3



99B383

# 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.



5A9A7C



9D83B3



958F5B

# Square

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



9D83B3



BB7E6D



789667



3699AE

# Rectangle

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



9D83B3



BD7A8D



789667



469B8E



# Sweetspot

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



9D83B3



E0D5E8



8399B3



706A75



F5F5F5



757575



# Same Dimension

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



9D83B3



C69EE8



B383B1



555059



530099



0E001A



# Inverse Universe

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



B38399



E89EC0



83B385



595054



990046

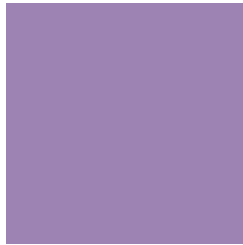


1A000C



# Previews

## White Background



This preview shows how the Hex color 9D83B3 looks on a white background.

## Color Contrast Check

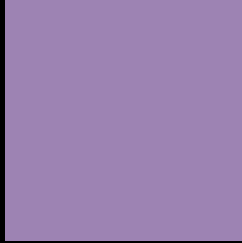
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D83B3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

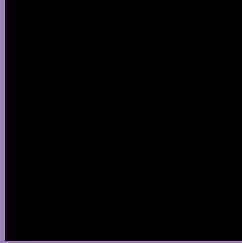
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9D83B3 Background



This preview shows how black text looks on a background with the Hex color 9D83B3.

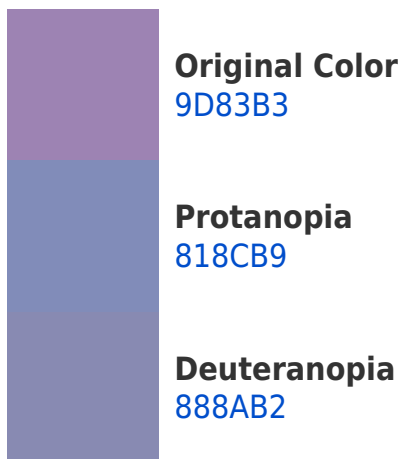


This preview shows how white text looks on a background with the Hex color 9D83B3.

# 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**  
988994

# Trichromacy



**Original Color**  
9D83B3

**Protanomaly**  
8B89B7

**Deuteranomaly**  
9087B2

**Tritanomaly**  
9A879F

# Monochromacy



**Original Color**  
9D83B3

**Achromatopsia**  
909090

**Achromatomaly**  
958B9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D83B3 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 #9D83B3 looks like.

```
.text, #text, p{  
    color:#9D83B3  
}
```

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 #9D83B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D83B3
}
```

## Border

The CSS property to change the border of an element to Hex 9D83B3 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
#9D83B3 }
```

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

```
.border{ border-color:#9D83B3 }
```

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

Here you see how a box with a 4 pixel #9D83B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D83B3; -webkit-box-shadow:4px 4px  
4px 4px #9D83B3; box-shadow:4px 4px 4px  
4px #9D83B3 }
```

# Background

The CSS property to change the background color of an element to Hex 9D83B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D83B3 }
```

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

```
.background{ background-color:#9D83B3 }
```

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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