

Converting Colors

Hex(9A83B2)

Have a look what the booklet for
Hex(9A83B2) contains.

Hex(9A83B2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9A83B2)

Conversions

Conversions Part 1

Format	Color
Hex	9A83B2
RGB	154, 131, 178
RGB Percent	60%, 51%, 70%
CMY	0.3961, 0.4863, 0.3020
CMYK	0.13, 0.26, 0.00, 0.30
HSL	269°, 23%, 61%
HSV	269°, 26%, 70%
XYZ	29.4786, 26.3170, 45.6455
YIQ	143.2350, -1.3790, 19.4930

Conversions

Conversions Part 2

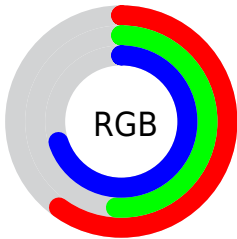
Format	Color
RYB	154, 131, 178
Decimal	10126258
CIELab	58.34, 18.03, -21.52
CIELCh	58, 28.074, 309.963
Yxy	26.3170, 0.2906, 0.2594
Android (android.graphics.Color)	4288316338 (0xFF9A83B2)
YUV	143.2350, 17.1391, 9.4409
Hunter-Lab	51.3001, 12.7965, -16.8446

Details

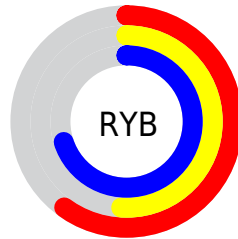
The Hex color **9A83B2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **9BB283**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **D1B8EA**, and **66517D** is the 20% darker color. If you saturate the color by 10%, you get **9171B2**, and if you desaturate by 10%, it is **A395B2**.

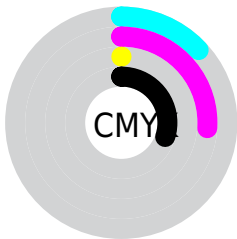
Distribution



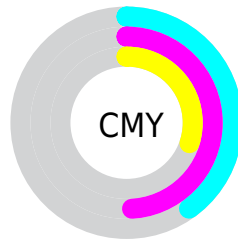
- Red (60%)
- Green (51%)
- Blue (70%)



- Red (60%)
- Yellow (51%)
- Blue (70%)



- Cyan (13%)
- Magenta (26%)
- Yellow (0%)
- Black (30%)



- Cyan (40%)
- Magenta (49%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A83B2 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 9A83B2 by changing the saturation by 10% instead.

 9A83B2

 9A83B2

FFFFFF

 806A97

 D1B8EA

 66517D

 EDD4FF

 4E3A64

 FFF0FF

 36244C

 201035

 060020

 000003

 000000

 9A83B2

 9A83B2

9171B2

A395B2

885FB2

ACA7B2

7F4EB2

B5B8B2

763CB2

BECAB2

6D2AB2

C7DCB2

6318B2

D1EEB2

5A06B2

DAFFB2

5700B2

E3FFB2

ECFFB2

Harmonies

Analogous

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



788CBC



9A83B2



B27C9E

Triad

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



9A83B2



AB855F



429A94

Complementary

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



9A83B2



9BB283

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.



5D987B



9A83B2



958D5B

Square

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



9A83B2



BA7D6E



7A9466



3998AB

Rectangle

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



9A83B2



BB7A8D



7A9466



4A9A8B

Sweetspot

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



9A83B2



DFD5E8



839BB2



6F6A75



F5F5F5



757575

Same Dimension

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



9A83B2



C29EE8



B183B2



555059



4B0099



0C001A

Inverse Universe

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



B2839B



E89EC4



84B283



595055



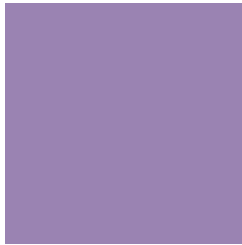
99004E



1A000D

Previews

White Background



This preview shows how the Hex color 9A83B2 looks on a white background.

Color Contrast Check

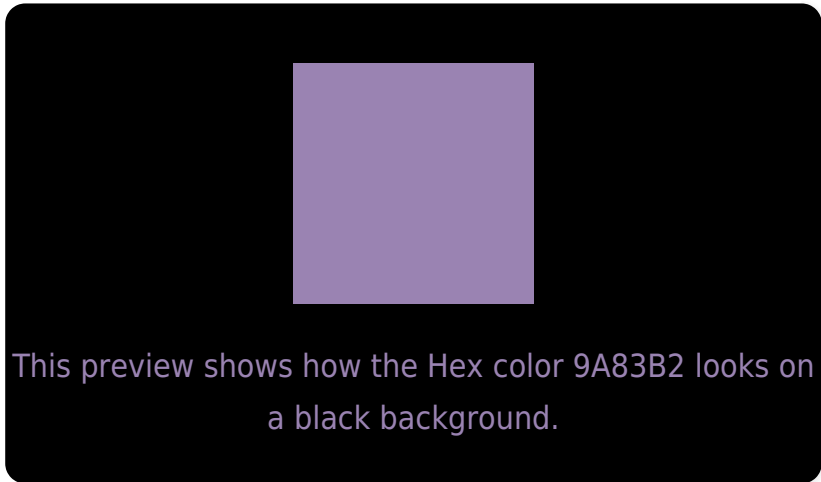
Large Text (above 18pt) WCAG AA ✓ Pass

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

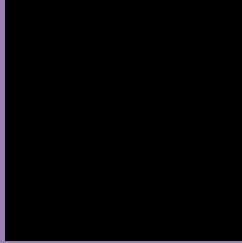
Any Text WCAG AA ✓ Pass

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 9A83B2 Background



This preview shows how black text looks on a background with the Hex color 9A83B2.



This preview shows how white text looks on a background with the Hex color 9A83B2.

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](#).

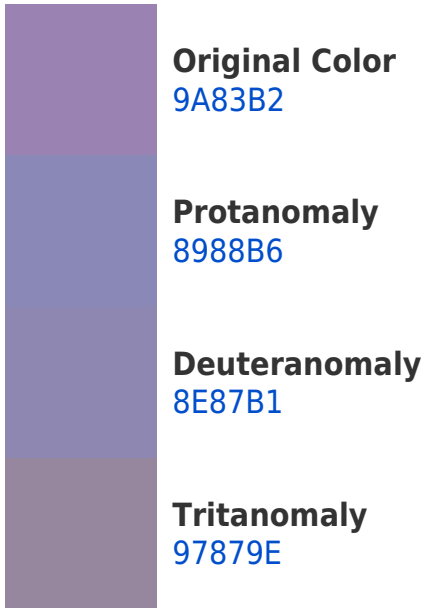
Dichromacy



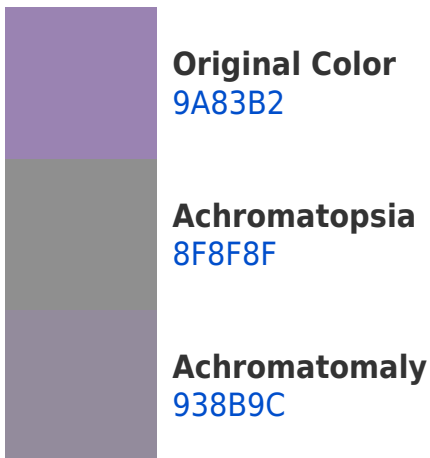


Tritanopia
958993

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A83B2 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 #9A83B2 looks like.

```
.text, #text, p{  
    color:#9A83B2  
}
```

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 #9A83B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A83B2
}
```

Border

The CSS property to change the border of an element to Hex 9A83B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

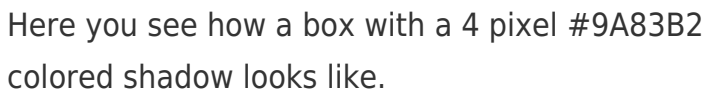
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A83B2 }
```

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

```
.border{ border-color:#9A83B2 }
```

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



Here you see how a box with a 4 pixel #9A83B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A83B2; -webkit-box-shadow:4px 4px  
4px 4px #9A83B2; box-shadow:4px 4px 4px  
4px #9A83B2 }
```

Background

The CSS property to change the background color of an element to Hex 9A83B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A83B2 }
```

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

```
.background{ background-color:#9A83B2 }
```

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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