

Converting Colors

Hex(9B5DA3)

Have a look what the booklet for
Hex(9B5DA3) contains.

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Color

Hex(9B5DA3)

Conversions

Conversions Part 1

Format	Color
Hex	9B5DA3
RGB	155, 93, 163
RGB Percent	61%, 36%, 64%
CMY	0.3922, 0.6353, 0.3608
CMYK	0.05, 0.43, 0.00, 0.36
HSL	293°, 28%, 50%
HSV	293°, 43%, 64%
XYZ	24.0428, 17.4416, 36.7497
YIQ	119.5180, 14.4820, 34.9140

Conversions

Conversions Part 2

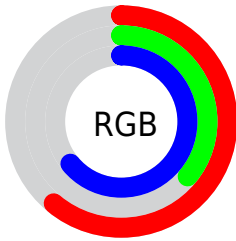
Format	Color
R _Y B	155, 93, 163
Decimal	10182051
CIE _{Lab}	48.81, 36.86, -27.51
CIE _{LCh}	49, 45.988, 323.266
Y _{xy}	17.4416, 0.3073, 0.2229
Android (android.graphics.Color)	4288372131 (0xFF9B5DA3)
YUV	119.5180, 21.4366, 31.1177
Hunter-Lab	41.7632, 29.6758, -22.9383

Details

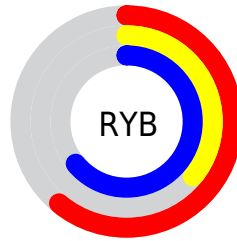
The Hex color **9B5DA3** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **65A35D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **D391DA**, and **662C6F** is the 20% darker color. If you saturate the color by 10%, you get **994DA3**, and if you desaturate by 10%, it is **9D6DA3**.

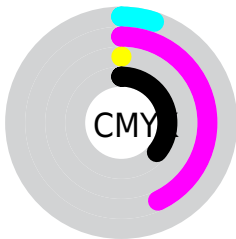
Distribution



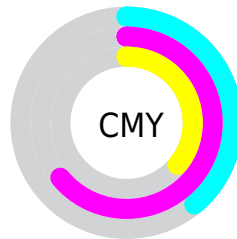
- Red (61%)
- Green (36%)
- Blue (64%)



- Red (61%)
- Yellow (36%)
- Blue (64%)



- Cyan (5%)
- Magenta (43%)
- Yellow (0%)
- Black (36%)



- Cyan (39%)
- Magenta (64%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B5DA3 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 9B5DA3 by changing the saturation by 10% instead.

9B5DA3

9B5DA3

FFFFFF

804489

D391DA

662C6F

EFACF7

4D1356

FFC8FF

34003F

FFE4FF

210029

000112

000000

9B5DA3

9B5DA3

994DA3

9D6DA3

973CA3

9F7EA3

952CA3

A18EA3

941CA3

A29EA3

920CA3

A4AFA3

9000A3

A6BFA3

A8CFA3

AADFA3

ACF0A3

Harmonies

Analogous

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



666DBC



9B5DA3



B6517E

Triad

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



9B5DA3



916F22



008792

Complementary

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



9B5DA3



65A35D

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.



00866A



9B5DA3



6B7B27

Square

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



9B5DA3



AD6036



3A8343



0083B2

Rectangle

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



9B5DA3



BC5164



3A8343



008785

Sweetspot

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



9B5DA3



D1B8D4



5D65A3



695A6B



EBEBEB



6B6B6B

Same Dimension

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



9B5DA3



C766D4



A35D88



514952



810091



100012

Inverse Universe

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



A35D65



D46672



5DA378



52494A



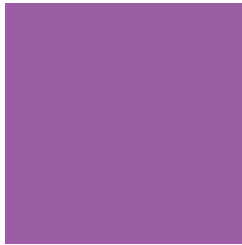
910011



120002

Previews

White Background



This preview shows how the Hex color 9B5DA3 looks on a white background.

Color Contrast Check

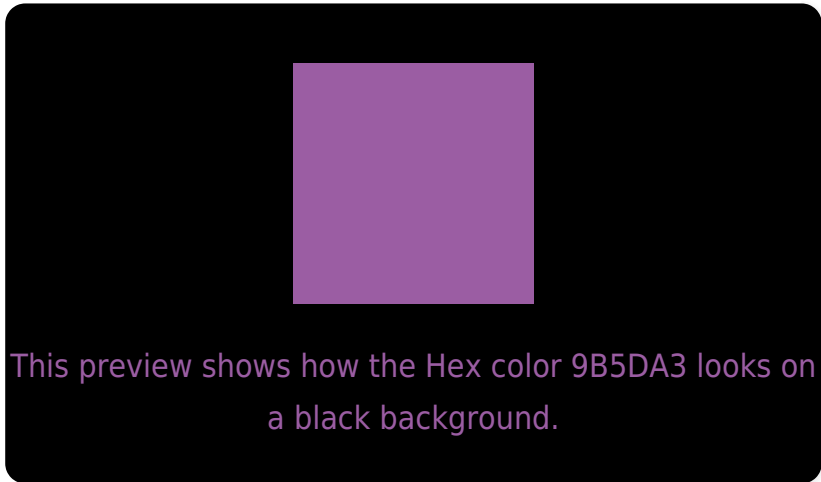
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

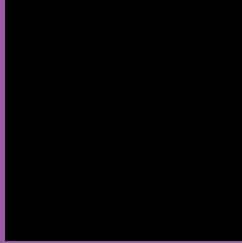
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 9B5DA3 Background



This preview shows how black text looks on a background with the Hex color 9B5DA3.

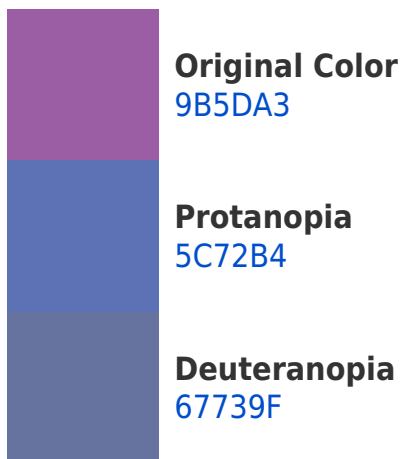


This preview shows how white text looks on a background with the Hex color 9B5DA3.

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
946870

Trichromacy



Original Color
9B5DA3



Protanomaly
736AAE



Deuteranomaly
7A6BA0



Tritanomaly
976483

Monochromacy



Original Color
9B5DA3



Achromatopsia
787878



Achromatomaly
856E88

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B5DA3 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 #9B5DA3 looks like.

```
.text, #text, p{  
    color:#9B5DA3  
}
```

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 #9B5DA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B5DA3
}
```

Border

The CSS property to change the border of an element to Hex 9B5DA3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

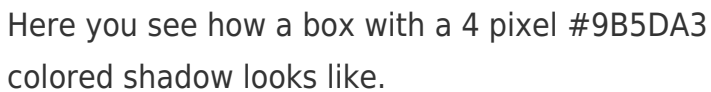
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B5DA3 }
```

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

```
.border{ border-color:#9B5DA3 }
```

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



Here you see how a box with a 4 pixel #9B5DA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B5DA3; -webkit-box-shadow:4px 4px  
4px 4px #9B5DA3; box-shadow:4px 4px 4px  
4px #9B5DA3 }
```

Background

The CSS property to change the background color of an element to Hex 9B5DA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B5DA3 }
```

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

```
.background{ background-color:#9B5DA3 }
```

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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