

Converting Colors

Hex(9B7DA5)

Have a look what the booklet for
Hex(9B7DA5) contains.

Hex(9B7DA5)	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(9B7DA5)

Conversions

Conversions Part 1

Format	Color
Hex	9B7DA5
RGB	155, 125, 165
RGB Percent	61%, 49%, 65%
CMY	0.3922, 0.5098, 0.3529
CMYK	0.06, 0.24, 0.00, 0.35
HSL	285°, 18%, 57%
HSV	285°, 24%, 65%
XYZ	27.6427, 24.3524, 38.8409
YIQ	138.5300, 5.0400, 18.8000

Conversions

Conversions Part 2

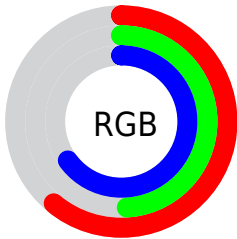
Format	Color
RYB	155, 125, 165
Decimal	10190245
CIELab	56.44, 19.03, -16.95
CIELCh	56, 25.486, 318.320
Yxy	24.3524, 0.3043, 0.2681
Android (android.graphics.Color)	4288380325 (0xFF9B7DA5)
YUV	138.5300, 13.0497, 14.4442
Hunter-Lab	49.3482, 13.6287, -12.1222

Details

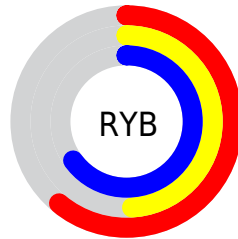
The Hex color **9B7DA5** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **87A57D**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **D2B2DC**, and **674C71** is the 20% darker color. If you saturate the color by 10%, you get **976CA5**, and if you desaturate by 10%, it is **9F8DA5**.

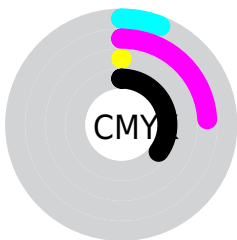
Distribution



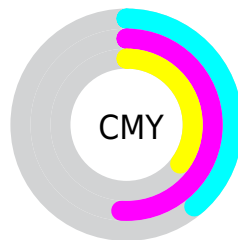
- Red (61%)
- Green (49%)
- Blue (65%)



- Red (61%)
- Yellow (49%)
- Blue (65%)



- Cyan (6%)
- Magenta (24%)
- Yellow (0%)
- Black (35%)



- Cyan (39%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B7DA5 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 9B7DA5 by changing the saturation by 10% instead.

9B7DA5

9B7DA5

FFFFFF

81648B

D2B2DC

674C71

EECDF9

4F3559

FFEAFF

381F41

210A2B

000016

000000

9B7DA5

9B7DA5

976CA5

9F8DA5

935CA5

A39EA5

8F4BA5

A7AEA5

8B3BA5

ABBFA5

862AA5

B0CFA5

821AA5

B4E0A5

7E09A5

B8F0A5

7C00A5

BCFFA5

C0FFA5

Harmonies

Analogous

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



7E85B1



9B7DA5



AE7891

Triad

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



9B7DA5



9F835C



429494

Complementary

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



9B7DA5



87A57D

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.



56937E



9B7DA5



898A5D

Square

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



9B7DA5



AE7C67



709069



4491A8

Rectangle

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



9B7DA5



B37782



709069



48948D

Sweetspot

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



9B7DA5



D2C7D6



7D87A5



69636B



EBEBEB



6B6B6B

Same Dimension

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



9B7DA5



C798D6



A57D9B



504952



6D0091



0D0012

Inverse Universe

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



A57D87



D698A8



7DA587



52494B



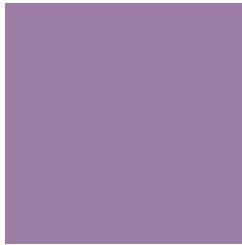
910024



120004

Previews

White Background



This preview shows how the Hex color 9B7DA5 looks on a white background.

Color Contrast Check

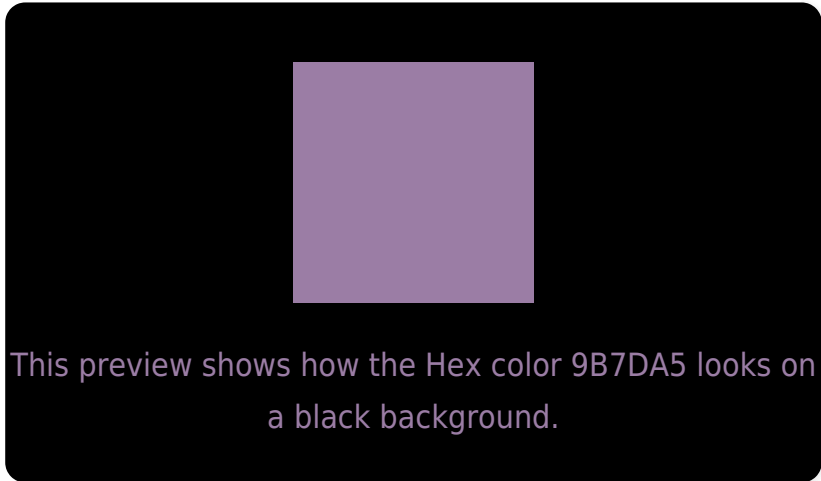
Large Text (above 18pt) WCAG AA ✓ Pass

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

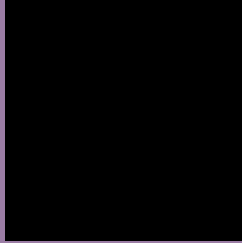
Any Text WCAG AA ✓ Pass

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 9B7DA5 Background



This preview shows how black text looks on a background with the Hex color 9B7DA5.

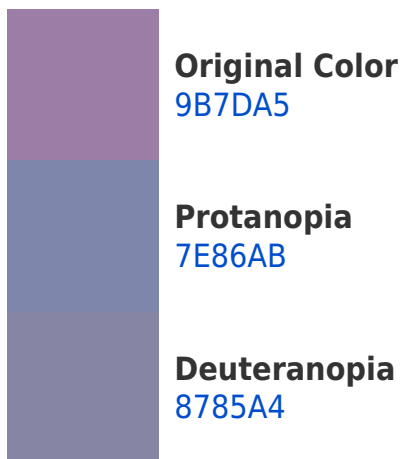



This preview shows how white text looks on a background with the Hex color 9B7DA5.

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
97828C

Trichromacy



Original Color
9B7DA5

Protanomaly
8983A9

Deuteranomaly
8E82A4

Tritanomaly
988095

Monochromacy



Original Color
9B7DA5

Achromatopsia
8B8B8B

Achromatomaly
918694

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B7DA5 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 #9B7DA5 looks like.

```
.text, #text, p{  
    color:#9B7DA5  
}
```

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 #9B7DA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B7DA5
}
```

Border

The CSS property to change the border of an element to Hex 9B7DA5 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
#9B7DA5 }
```

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

```
.border{ border-color:#9B7DA5 }
```

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

Here you see how a box with a 4 pixel #9B7DA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B7DA5; -webkit-box-shadow:4px 4px  
4px 4px #9B7DA5; box-shadow:4px 4px 4px  
4px #9B7DA5 }
```

Background

The CSS property to change the background color of an element to Hex 9B7DA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B7DA5 }
```

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

```
.background{ background-color:#9B7DA5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor