

Converting Colors

Hex(9B75BA)

Have a look what the booklet for
Hex(9B75BA) contains.

Hex(9B75BA)	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(9B75BA)

Conversions

Conversions Part 1

Format	Color
Hex	9B75BA
RGB	155, 117, 186
RGB Percent	61%, 46%, 73%
CMY	0.3922, 0.5412, 0.2706
CMYK	0.17, 0.37, 0.00, 0.27
HSL	273°, 33%, 59%
HSV	273°, 37%, 73%
XYZ	28.7418, 23.2363, 49.4246
YIQ	136.2280, 0.4990, 29.5150

Conversions

Conversions Part 2

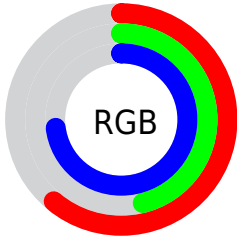
Format	Color
RYB	155, 117, 186
Decimal	10188218
CIELab	55.31, 28.21, -30.75
CIElCh	55, 41.731, 312.537
Yxy	23.2363, 0.2834, 0.2291
Android (android.graphics.Color)	4288378298 (0xFF9B75BA)
YUV	136.2280, 24.5376, 16.4630
Hunter-Lab	48.2041, 22.0739, -27.0484

Details

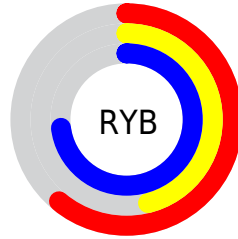
The Hex color **9B75BA** is a light color, and the websafe version is hex **996699**. A complement of this color would be **94BA75**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **D2AAF2**, and **664485** is the 20% darker color. If you saturate the color by 10%, you get **9362BA**, and if you desaturate by 10%, it is **A388BA**.

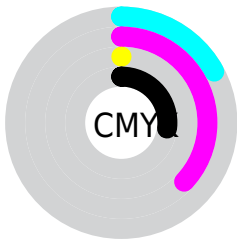
Distribution



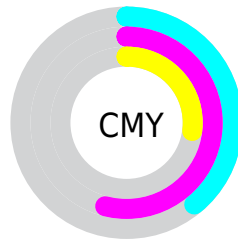
- Red (61%)
- Green (46%)
- Blue (73%)



- Red (61%)
- Yellow (46%)
- Blue (73%)



- Cyan (17%)
- Magenta (37%)
- Yellow (0%)
- Black (27%)



- Cyan (39%)
- Magenta (54%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B75BA 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 9B75BA by changing the saturation by 10% instead.

 9B75BA

 9B75BA

FFFFFF

 805C9F

 D2AAF2

 664485

 EFC5FF

 4D2D6B

 FFE1FF

 351752

FFFEFF

 1E003B

 000025

 00010D

 000000

 9B75BA

 9B75BA

9362BA

A388BA

8A50BA

AC9ABA

823DBA

B4ADBA

7A2BBA

BCBFBA

7118BA

C5D2BA

6905BA

CDE5BA

6600BA

D5F7BA

DEFFBA

E6FFBA

Harmonies

Analogous

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



6383CB



9B75BA



BC699B

Triad

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



9B75BA



AC7B3F



009793

Complementary

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



9B75BA



94BA75

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.



2A956E



9B75BA



8B873B

Square

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



9B75BA



C26E55



63904D



0095B4

Rectangle

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



9B75BA



C76683



63904D



009786

Sweetspot

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



9B75BA



E6D8F2



7594BA



736A7A



FAFAFA



7A7A7A

Same Dimension

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



9B75BA



C185F2



BA75B7



58535C



56009C



0F001C

Inverse Universe

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



BA7594



F285B6



75BA78



5C5357



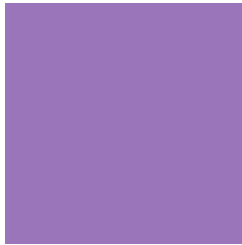
9C0046



1C000D

Previews

White Background



This preview shows how the Hex color 9B75BA looks on a white background.

Color Contrast Check

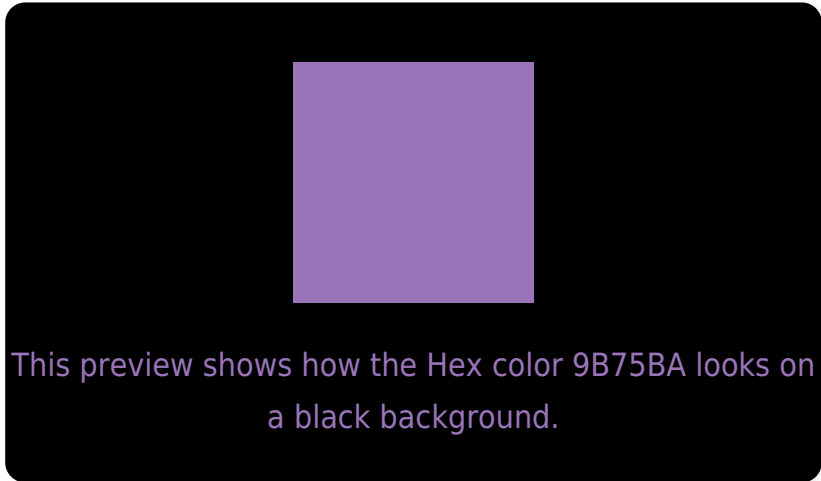
Large Text (above 18pt) WCAG AA ✓ Pass

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

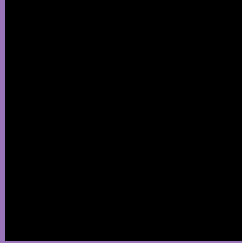
Any Text WCAG AA ✓ Pass

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 9B75BA Background



This preview shows how black text looks on a background with the Hex color 9B75BA.

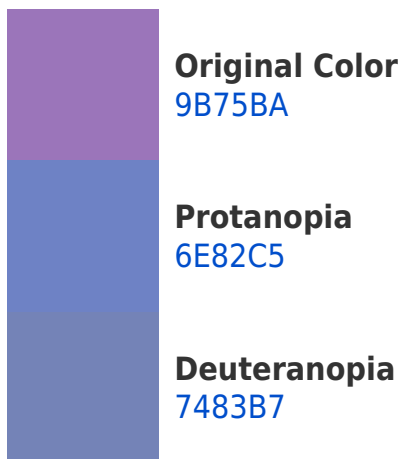


This preview shows how white text looks on a background with the Hex color 9B75BA.

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
937F89

Trichromacy



Original Color
9B75BA

Protanomaly
7E7DC1

Deuteranomaly
827EB8

Tritanomaly
967B9B

Monochromacy



Original Color
9B75BA

Achromatopsia
888888

Achromatomaly
8F819A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B75BA 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 #9B75BA looks like.

```
.text, #text, p{  
    color:#9B75BA  
}
```

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 #9B75BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B75BA
}
```

Border

The CSS property to change the border of an element to Hex 9B75BA 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
#9B75BA }
```

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

```
.border{ border-color:#9B75BA }
```

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

Here you see how a box with a 4 pixel #9B75BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B75BA; -webkit-box-shadow:4px 4px  
4px 4px #9B75BA; box-shadow:4px 4px 4px  
4px #9B75BA }
```

Background

The CSS property to change the background color of an element to Hex 9B75BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B75BA }
```

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

```
.background{ background-color:#9B75BA }
```

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