

Converting Colors

Hex(9B6EA7)

Have a look what the booklet for
Hex(9B6EA7) contains.

Hex(9B6EA7)	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(9B6EA7)

Conversions

Conversions Part 1

Format	Color
Hex	9B6EA7
RGB	155, 110, 167
RGB Percent	61%, 43%, 65%
CMY	0.3922, 0.5686, 0.3451
CMYK	0.07, 0.34, 0.00, 0.35
HSL	287°, 24%, 54%
HSV	287°, 34%, 65%
XYZ	26.0686, 20.9104, 39.2214
YIQ	129.9530, 8.5230, 27.2670

Conversions

Conversions Part 2

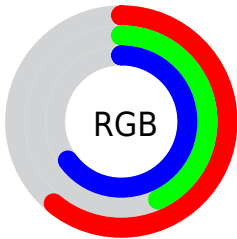
Format	Color
R_{YB}	155, 110, 167
Decimal	10186407
CIE _{Lab}	52.85, 28.09, -23.59
CIE _{LCh}	53, 36.682, 319.967
Yxy	20.9104, 0.3024, 0.2426
Android (android.graphics.Color)	4288376487 (0xFF9B6EA7)
YUV	129.9530, 18.2642, 21.9662
Hunter-Lab	45.7279, 21.7353, -18.8442

Details

The Hex color **9B6EA7** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7AA76E**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **D2A2DE**, and **673D73** is the 20% darker color. If you saturate the color by 10%, you get **975DA7**, and if you desaturate by 10%, it is **9F7FA7**.

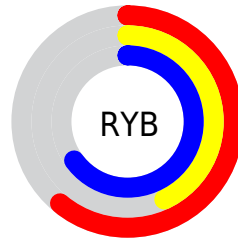
Distribution



Red (61%)

Green (43%)

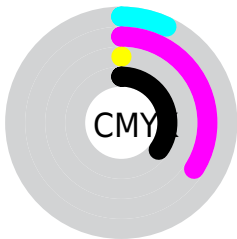
Blue (65%)



Red (61%)

Yellow (43%)

Blue (65%)

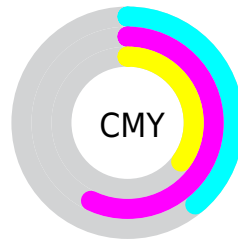


Cyan (7%)

Magenta (34%)

Yellow (0%)

Black (35%)



Cyan (39%)

Magenta (57%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B6EA7 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 9B6EA7 by changing the saturation by 10% instead.



9B6EA7



9B6EA7

FFFFFF



80558C



D2A2DE



673D73



EFBDFB



4E265A



FFD9FF



361042



FFF6FF



21002C



000117



000000



9B6EA7



9B6EA7



975DA7



9F7FA7

944DA7

A28FA7

903CA7

A6A0A7

8D2BA7

A9B1A7

891BA7

ADC2A7

860AA7

B0D2A7

8400A7

B4E3A7

B7F4A7

BBFFA7

Harmonies

Analogous

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



717AB9



9B6EA7



B4668A

Triad

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



9B6EA7



9B793F



008E93

Complementary

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



9B6EA7



7AA76E

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.



258E72



9B6EA7



7D8341

Square

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



9B6EA7



B16D4F



588A54



008BAE

Rectangle

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



9B6EA7



BA6475



588A54



008F88

Sweetspot

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



9B6EA7



D4C3D9



6E7AA7



6B606E



EDEDED



6E6E6E

Same Dimension

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



9B6EA7



C680D9



A76E97



524C54



750094



100014

Inverse Universe

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



A76E7A



D98093



6EA77E



544C4E



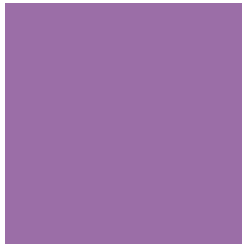
94001F



140004

Previews

White Background



This preview shows how the Hex color 9B6EA7 looks on a white background.

Color Contrast Check

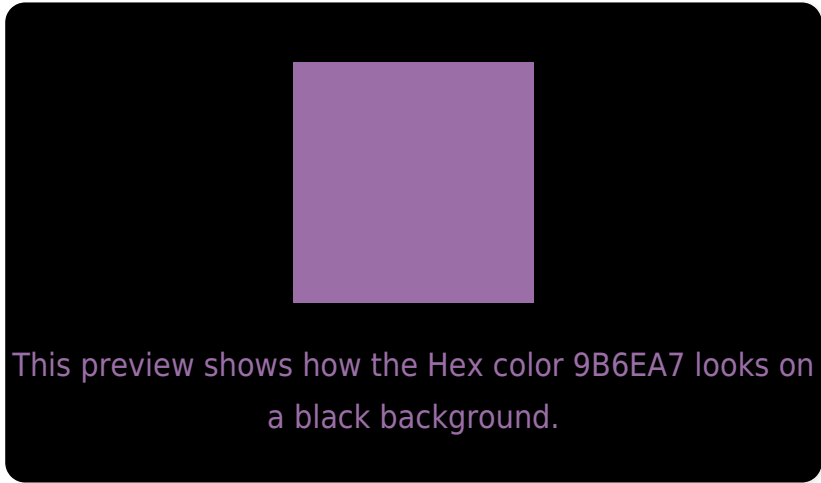
Large Text (above 18pt) WCAG AA ✓ Pass

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

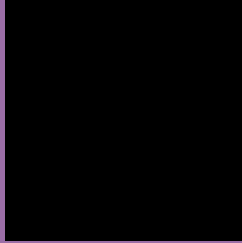
Any Text WCAG AA ✓ Pass

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 9B6EA7 Background



This preview shows how black text looks on a background with the Hex color 9B6EA7.

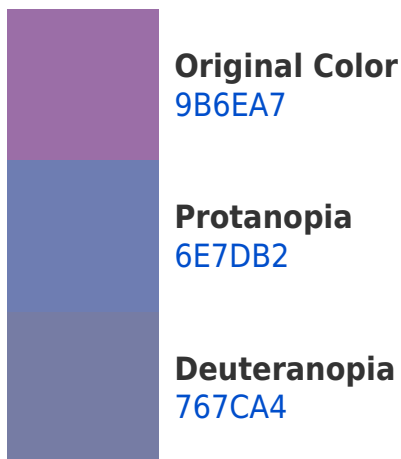



This preview shows how white text looks on a background with the Hex color 9B6EA7.

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
95767F

Trichromacy



Original Color
9B6EA7

Protanomaly
7E78AE

Deuteranomaly
8377A5

Tritanomaly
97738E

Monochromacy



Original Color
9B6EA7

Achromatopsia
828282

Achromatomaly
8B7B8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B6EA7 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 #9B6EA7 looks like.

```
.text, #text, p{  
    color:#9B6EA7  
}
```

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 #9B6EA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B6EA7
}
```

Border

The CSS property to change the border of an element to Hex 9B6EA7 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
#9B6EA7 }
```

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

```
.border{ border-color:#9B6EA7 }
```

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

Here you see how a box with a 4 pixel #9B6EA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B6EA7; -webkit-box-shadow:4px 4px  
4px 4px #9B6EA7; box-shadow:4px 4px 4px  
4px #9B6EA7 }
```

Background

The CSS property to change the background color of an element to Hex 9B6EA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B6EA7 }
```

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

```
.background{ background-color:#9B6EA7 }
```

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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