

Converting Colors

Hex(9A6EA3)

Have a look what the booklet for
Hex(9A6EA3) contains.

Hex(9A6EA3)	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(9A6EA3)

Conversions

Conversions Part 1

Format	Color
Hex	9A6EA3
RGB	154, 110, 163
RGB Percent	60%, 43%, 64%
CMY	0.3961, 0.5686, 0.3608
CMYK	0.06, 0.33, 0.00, 0.36
HSL	290°, 22%, 54%
HSV	290°, 33%, 64%
XYZ	25.5132, 20.6662, 37.2946
YIQ	129.1980, 9.2110, 25.8110

Conversions

Conversions Part 2

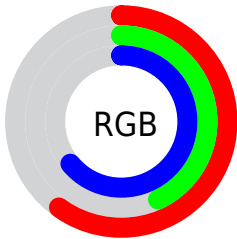
Format	Color
R_{YB}	154, 110, 163
Decimal	10120867
CIE _{Lab}	52.58, 26.92, -21.69
CIE _{LCh}	53, 34.573, 321.145
Yxy	20.6662, 0.3056, 0.2476
Android (android.graphics.Color)	4288310947 (0xFF9A6EA3)
YUV	129.1980, 16.6644, 21.7514
Hunter-Lab	45.4601, 20.6229, -16.8183

Details

The Hex color **9A6EA3** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **77A36E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **D1A2DA**, and **663D6F** is the 20% darker color. If you saturate the color by 10%, you get **975EA3**, and if you desaturate by 10%, it is **9D7EA3**.

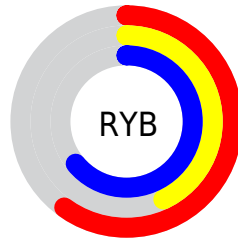
Distribution



Red (60%)

Green (43%)

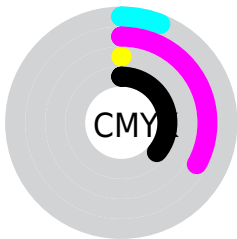
Blue (64%)



Red (60%)

Yellow (43%)

Blue (64%)

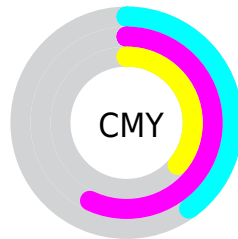


Cyan (6%)

Magenta (33%)

Yellow (0%)

Black (36%)



Cyan (40%)

Magenta (57%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A6EA3 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 9A6EA3 by changing the saturation by 10% instead.

■ 9A6EA3

■ 9A6EA3

FFFFFF

■ 805589

■ D1A2DA

■ 663D6F

■ EEBDF7

■ 4D2657

■ FFD9FF

■ 35103F

■ FFF6FF

■ 210029

■ 000113

■ 000000

■ 9A6EA3

■ 9A6EA3

■ 975EA3

■ 9D7EA3

944DA3

A08FA3

923DA3

A29FA3

8F2DA3

A5AFA3

8C1DA3

A8C0A3

890CA3

ABD0A3

8700A3

ADE0A3

B0F0A3

B3FFA3

Harmonies

Analogous

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



7379B5



9A6EA3



B16688

Triad

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



9A6EA3



987942



008D92

Complementary

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



9A6EA3



77A36E

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.



2C8C73



9A6EA3



7B8245

Square

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



9A6EA3



AD6E50



598957



008AAB

Rectangle

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



9A6EA3



B66673



598957



008D88

Sweetspot

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



9A6EA3



D0BED4



6E78A3



695E6B



EBEBEB



6B6B6B

Same Dimension

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



9A6EA3



C681D4



A36E92



504952



790091



0F0012

Inverse Universe

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



A36E77



D4818F



6EA37F



52494B



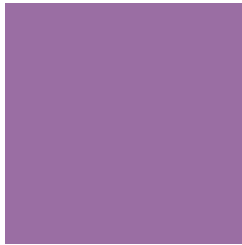
910019



120003

Previews

White Background



This preview shows how the Hex color 9A6EA3 looks on a white background.

Color Contrast Check

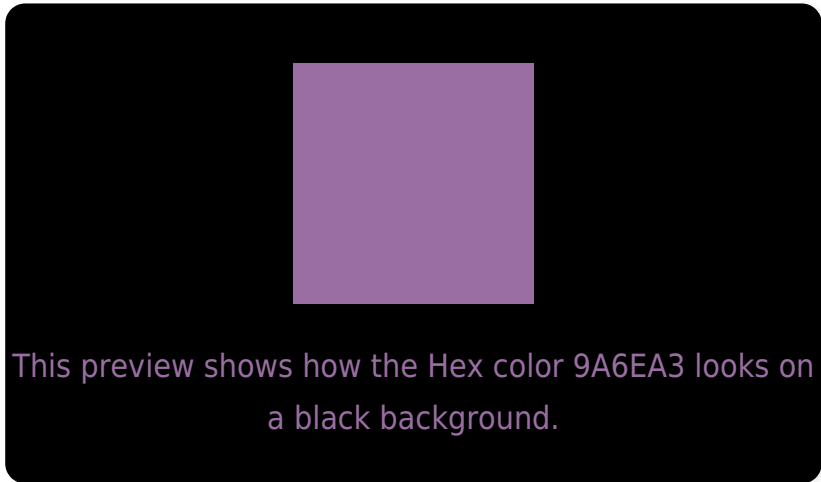
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A6EA3 Background



This preview shows how black text looks on a background with the Hex color 9A6EA3.

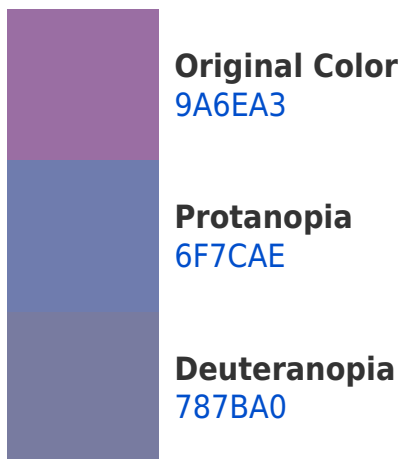


This preview shows how white text looks on a background with the Hex color 9A6EA3.

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](#).

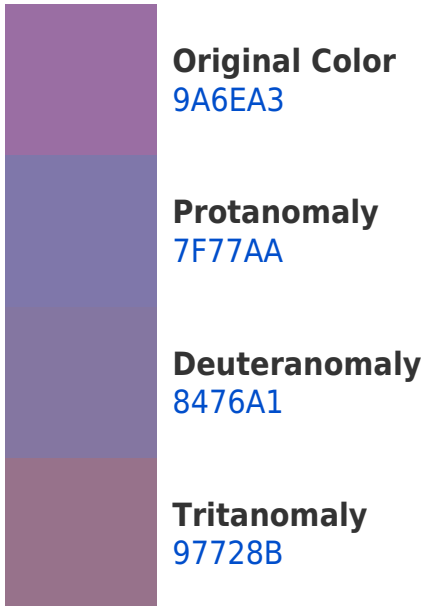
Dichromacy



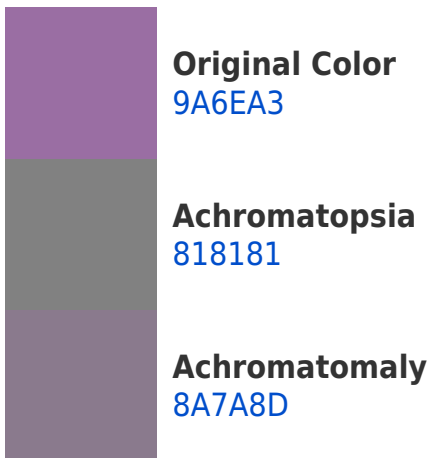


Tritanopia
95757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A6EA3 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 #9A6EA3 looks like.

```
.text, #text, p{  
    color:#9A6EA3  
}
```

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 #9A6EA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A6EA3
}
```

Border

The CSS property to change the border of an element to Hex 9A6EA3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

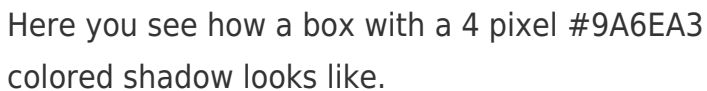
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A6EA3 }
```

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

```
.border{ border-color:#9A6EA3 }
```

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



Here you see how a box with a 4 pixel #9A6EA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A6EA3; -webkit-box-shadow:4px 4px  
4px 4px #9A6EA3; box-shadow:4px 4px 4px  
4px #9A6EA3 }
```

Background

The CSS property to change the background color of an element to Hex 9A6EA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A6EA3 }
```

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

```
.background{ background-color:#9A6EA3 }
```

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