

# Converting Colors

Hex(9A619B)

Have a look what the booklet for  
Hex(9A619B) contains.

<b>Hex(9A619B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(9A619B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A619B
RGB	154, 97, 155
RGB Percent	60%, 38%, 61%
CMY	0.3961, 0.6196, 0.3922
CMYK	0.01, 0.37, 0.00, 0.39
HSL	299°, 23%, 49%
HSV	299°, 37%, 61%
XYZ	23.5175, 17.7860, 33.2039
YIQ	120.6550, 15.3540, 30.1220

# Conversions

## Conversions Part 2

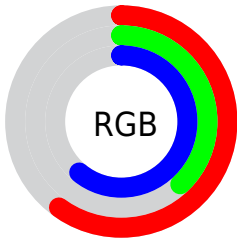
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 97, 155
Decimal	10117531
CIE <sub>Lab</sub>	49.24, 32.71, -22.14
CIE <sub>LCh</sub>	49, 39.501, 325.903
Yxy	17.7860, 0.3156, 0.2387
Android (android.graphics.Color)	4288307611 (0xFF9A619B)
YUV	120.6550, 16.9321, 29.2436
Hunter-Lab	42.1734, 25.7350, -17.1587

# Details

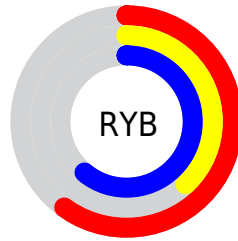
The Hex color **9A619B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **629B61**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **D195D2**, and **663068** is the 20% darker color. If you saturate the color by 10%, you get **9A529B**, and if you desaturate by 10%, it is **9A719B**.

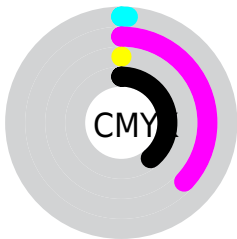
# Distribution



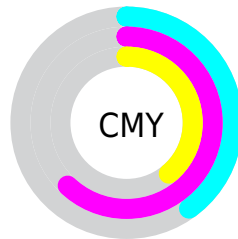
- Red (60%)
- Green (38%)
- Blue (61%)



- Red (60%)
- Yellow (38%)
- Blue (61%)



- Cyan (1%)
- Magenta (37%)
- Yellow (0%)
- Black (39%)



- Cyan (40%)
- Magenta (62%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A619B 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 9A619B by changing the saturation by 10% instead.



 9A619B

 9A619B

FFFFFF

 7F4881

 D195D2

 663068

 EEB0EE

 4C194F

 FFCCFF

 340038

 FFE8FF

 210023

 000009

 000000

 9A619B

 9A619B

 9A529B

 9A719B

99429B

9B809B

99339B

9B909B

99239B

9B9F9B

99149B

9BAF9B

98049B

9CBE9B

98009B

9CCE9B

9CDD9B

9CEC9B

# Harmonies

## Analogous

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



706EB1



9A619B



B0597B

# Triad

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



9A619B



8D7230



008691

# Complementary

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



9A619B



629B61

# 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.



00866F



9A619B



6C7C36

# Square

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



9A619B



A6653E



42824E



0082AC

# Rectangle

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



9A619B



B45964



42824E



008686



# Sweetspot

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



9A619B



C9B3C9



61639B



665966



E6E6E6



666666



# Same Dimension

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



9A619B



C86FC9



9B6180



4C454D



8A008C



0D000D



# Inverse Universe

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



9B6162



C96F70



619B7C



4D4545



8C0002

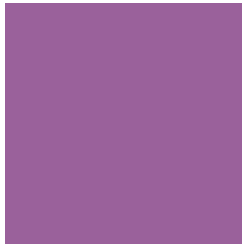


0D0000



# Previews

## White Background



This preview shows how the Hex color 9A619B looks on a white background.

## Color Contrast Check

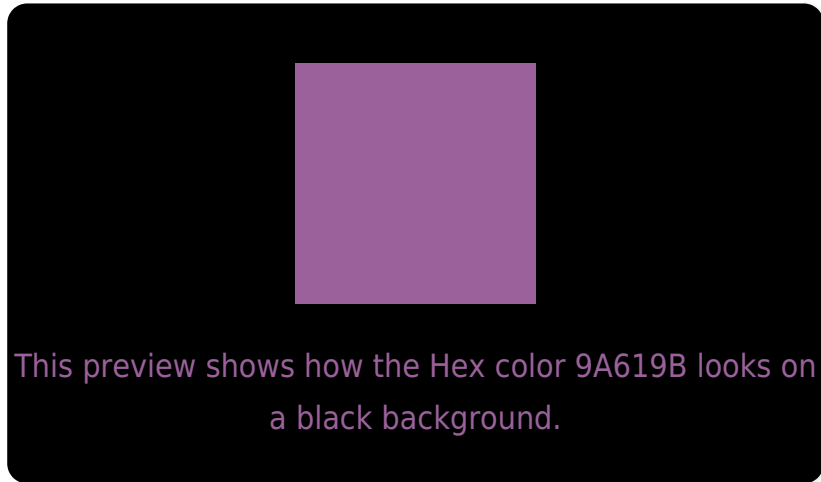
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

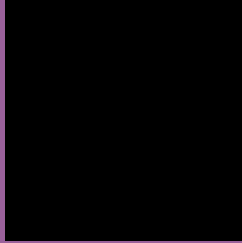
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9A619B Background



This preview shows how black text looks on a background with the Hex color 9A619B.

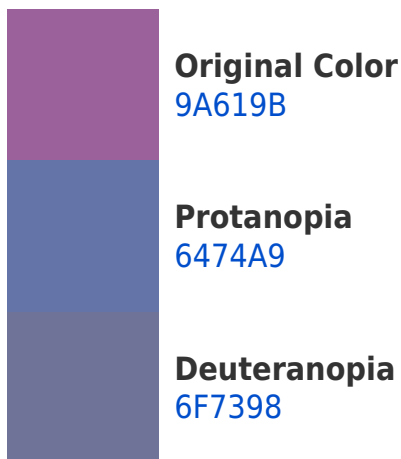


This preview shows how white text looks on a background with the Hex color 9A619B.

# 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**  
956A72

# Trichromacy



**Original Color**  
9A619B



**Protanomaly**  
786DA4



**Deuteranomaly**  
7F6C99



**Tritanomaly**  
976781

# Monochromacy



**Original Color**  
9A619B



**Achromatopsia**  
797979



**Achromatomaly**  
857085

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A619B 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 #9A619B looks like.

```
.text, #text, p{  
    color:#9A619B  
}
```

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 #9A619B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A619B
}
```

## Border

The CSS property to change the border of an element to Hex 9A619B is called "border". The border property can be set on classes, ids or directly on the HTML element.

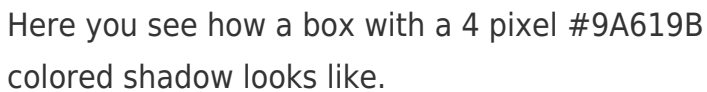
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A619B }
```

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

```
.border{ border-color:#9A619B }
```

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



Here you see how a box with a 4 pixel #9A619B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A619B; -webkit-box-shadow:4px 4px  
4px 4px #9A619B; box-shadow:4px 4px 4px  
4px #9A619B }
```

# Background

The CSS property to change the background color of an element to Hex 9A619B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A619B }
```

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

```
.background{ background-color:#9A619B }
```

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