

# Converting Colors

Hex(9D9CAF)

Have a look what the booklet for  
Hex(9D9CAF) contains.

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# **Color**

**Hex(9D9CAF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D9CAF
RGB	157, 156, 175
RGB Percent	62%, 61%, 69%
CMY	0.3843, 0.3882, 0.3137
CMYK	0.10, 0.11, 0.00, 0.31
HSL	243°, 11%, 65%
HSV	243°, 11%, 69%
XYZ	33.5310, 34.0402, 45.3606
YIQ	158.4650, -5.5030, 6.1210

# Conversions

## Conversions Part 2

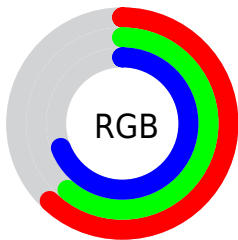
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 156, 175
Decimal	10329263
CIELab	64.99, 4.18, -9.73
CIELCh	65, 10.588, 293.268
Yxy	34.0402, 0.2969, 0.3014
Android (android.graphics.Color)	4288519343 (0xFF9D9CAF)
YUV	158.4650, 8.1518, -1.2848
Hunter-Lab	58.3440, 0.4841, -5.2553

# Details

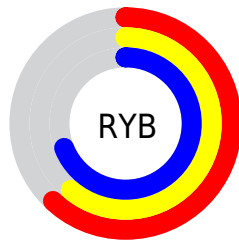
The Hex color **9D9CAF** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AFAF9C**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D4D2E7**, and **6A697B** is the 20% darker color. If you saturate the color by 10%, you get **8C8BAF**, and if you desaturate by 10%, it is **AEAEAF**.

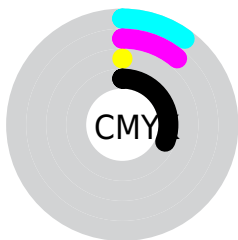
# Distribution



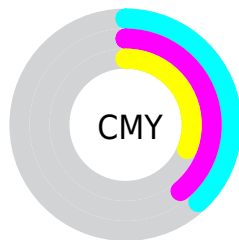
- Red (62%)
- Green (61%)
- Blue (69%)



- Red (62%)
- Yellow (61%)
- Blue (69%)



- Cyan (10%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)



- Cyan (38%)
- Magenta (39%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D9CAF 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 9D9CAF by changing the saturation by 10% instead.



■ 9D9CAF

■ 9D9CAF

FFFFFF

■ 838294

■ D4D2E7

■ 6A697B

■ F0EFFF

■ 515162

■ 3A3A4A

■ 242433

■ 100F1E

■ 000003

■ 000000

■ 9D9CAF

■ 9D9CAF

8C8BAF

AEAEAF

7C79AF

BEBFAF

6B68AF

CFD1AF

5B56AF

DFE2AF

4A45AF

F0F4AF

3A33AF

FFFFAF

2922AF

1810AF

0900AF

# Harmonies

## Analogous

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



919FB0



9D9CAF



A899A9

# Triad

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



9D9CAF



AF998F



8AA39B

# Complementary

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



9D9CAF



AFAF9C

# 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.



93A292



9D9CAF



A89C8B

# Square

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



9D9CAF



B29897



9D9F8C



86A3A5

# Rectangle

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



9D9CAF



AE98A3



9D9F8C



8CA398

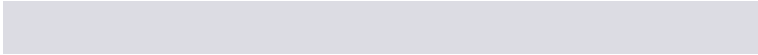


# Sweetspot

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



9D9CAF



DCDCE3



9CAEAF



6E6E73



F2F2F2



737373



# Same Dimension

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



9D9CAF



C7C5E3



A69CAF



4E4E57



080096



010017



# Inverse Universe

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



AF9CAE



E3C5E1



A5AF9C



574E56



96008F



170016



# Previews

## White Background



This preview shows how the Hex color 9D9CAF looks on a white background.

## Color Contrast Check

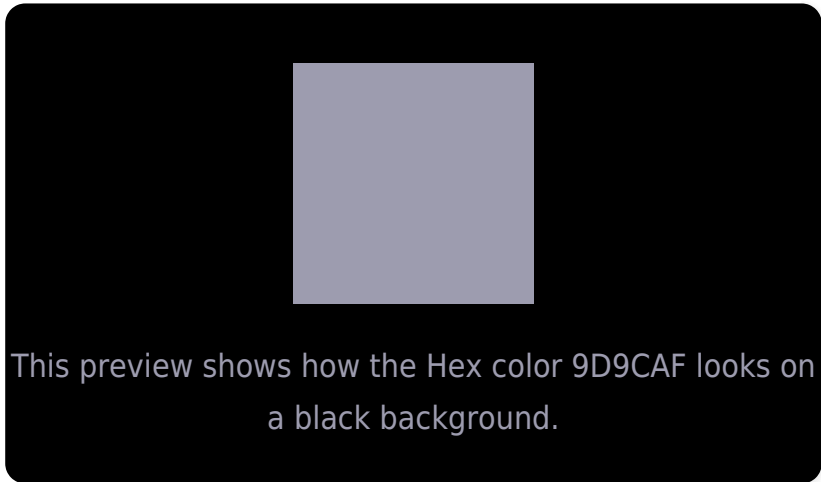
Large Text (above 18pt) WCAG AA × Fail

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

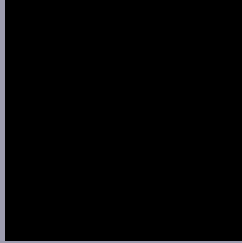
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

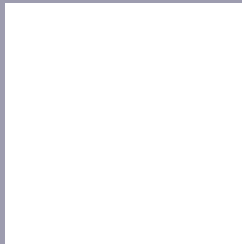
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9D9CAF Background



This preview shows how black text looks on a background with the Hex color 9D9CAF.



This preview shows how white text looks on a background with the Hex color 9D9CAF.

# 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



**Original Color**  
9D9CAF

**Protanopia**  
9B9DAF

**Deuteranopia**  
A599B0



**Tritanopia**  
9C9DA9

# Trichromacy



**Original Color**  
9D9CAF

**Protanomaly**  
9C9DAF

**Deuteranomaly**  
A29AB0

**Tritanomaly**  
9C9DAB

# Monochromacy



**Original Color**  
9D9CAF

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
9E9DA4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D9CAF 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 #9D9CAF looks like.

```
.text, #text, p{  
    color:#9D9CAF  
}
```

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 #9D9CAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D9CAF
}
```

## Border

The CSS property to change the border of an element to Hex 9D9CAF 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
#9D9CAF }
```

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

```
.border{ border-color:#9D9CAF }
```

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

Here you see how a box with a 4 pixel #9D9CAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D9CAF; -webkit-box-shadow:4px 4px  
4px 4px #9D9CAF; box-shadow:4px 4px 4px  
4px #9D9CAF }
```

# Background

The CSS property to change the background color of an element to Hex 9D9CAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D9CAF }
```

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

```
.background{ background-color:#9D9CAF }
```

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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