

# Converting Colors

Hex(9A9DAF)

Have a look what the booklet for  
Hex(9A9DAF) contains.

|  |    |
|--|----|
| <b>Hex(9A9DAF)</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(9A9DAF)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 9A9DAF                    |
| RGB         | 154, 157, 175             |
| RGB Percent | 60%, 62%, 69%             |
| CMY         | 0.3961, 0.3843, 0.3137    |
| CMYK        | 0.12, 0.10, 0.00, 0.31    |
| HSL         | 231°, 12%, 65%            |
| HSV         | 231°, 12%, 69%            |
| XYZ         | 33.1213, 34.0791, 45.3897 |
| YIQ         | 158.1550, -7.5660, 4.9620 |

# Conversions

## Conversions Part 2

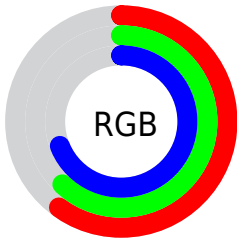
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">154, 157, 175</a>                                |
| Decimal                             | <a href="#">10132911</a>                                     |
| CIELab                              | <a href="#">65.03, 2.60, -9.71</a>                           |
| CIELCh                              | <a href="#">65, 10.049, 285.022</a>                          |
| Yxy                                 | <a href="#">34.0791, 0.2942, 0.3027</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4288322991</a><br>( <a href="#">0xFF9A9DAF</a> ) |
| YUV                                 | <a href="#">158.1550, 8.3046, -3.6439</a>                    |
| Hunter-Lab                          | <a href="#">58.3773, -0.8856, -5.2352</a>                    |

# Details

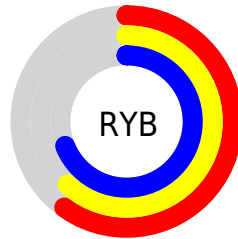
The Hex color **9A9DAF** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AFAC9A**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D0D4E7**, and **676A7B** is the 20% darker color. If you saturate the color by 10%, you get **898EAF**, and if you desaturate by 10%, it is **ABACAF**.

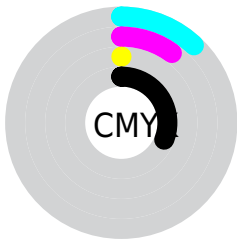
# Distribution



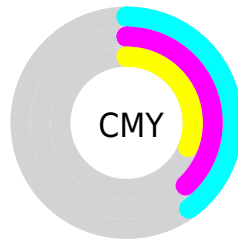
- Red (60%)
- Green (62%)
- Blue (69%)



- Red (60%)
- Yellow (62%)
- Blue (69%)



- Cyan (12%)
- Magenta (10%)
- Yellow (0%)
- Black (31%)



- Cyan (40%)
- Magenta (38%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A9DAF 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 9A9DAF by changing the saturation by 10% instead.



■ 9A9DAF

■ 9A9DAF

FFFFFF

■ 808394

■ D0D4E7

■ 676A7B

■ EDF0FF

■ 4F5262

■ 383B4A

■ 222533

■ 0D101E

■ 000003

■ 000000

■ 9A9DAF

■ 9A9DAF

898EAF

ABACAF

777FAF

BDBBAF

6570AF

CFCAAF

5461AF

E0D9AF

4252AF

F2E8AF

3143AF

FFF7AF

2034AF

FFFFAF

0E25AF

0019AF

# Harmonies

## Analogous

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



8FA0AF



9A9DAF



A59AAB

# Triad

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



9A9DAF



B09991



8DA399

# Complementary

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



9A9DAF



AFAC9A

# 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.



96A191



9A9DAF



AA9C8D

# Square

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



9A9DAF



B19899



A09F8C



88A3A2

# Rectangle

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



9A9DAF



AB99A6



A09F8C



90A296

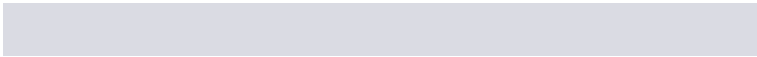


# Sweetspot

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



9A9DAF



DADBE3



9AAFAC



6D6E73



F2F2F2



737373



# Same Dimension

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



9A9DAF



C3C8E3



A19AAF



4E4F57



001596



000317



# Inverse Universe

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



AF9A9D



E3C3C8



A8AF9A



574E4F



960015

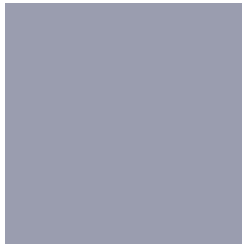


170003



# Previews

## White Background



This preview shows how the Hex color 9A9DAF looks on a white background.

## Color Contrast Check

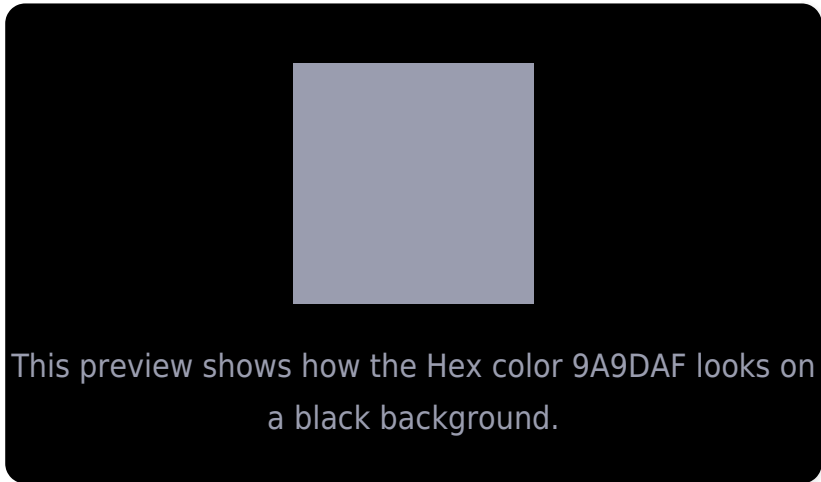
Large Text (above 18pt) WCAG AA × Fail

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

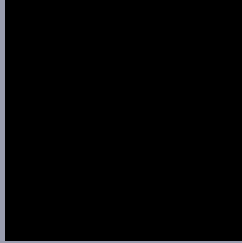
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

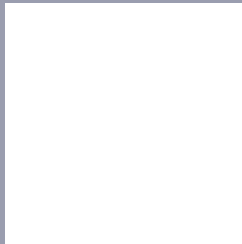
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9A9DAF Background



This preview shows how black text looks on a background with the Hex color 9A9DAF.



This preview shows how white text looks on a background with the Hex color 9A9DAF.

# 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**  
9A9DAF

**Protanopia**  
9B9DAF

**Deuteranopia**  
A599B0



# Trichromacy



**Original Color**  
9A9DAF

**Protanomaly**  
9B9DAF

**Deuteranomaly**  
A19AB0

**Tritanomaly**  
999EAC

# Monochromacy



**Original Color**  
9A9DAF

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
9D9EA4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A9DAF 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 #9A9DAF looks like.

```
.text, #text, p{  
    color:#9A9DAF  
}
```

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 #9A9DAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A9DAF
}
```

## Border

The CSS property to change the border of an element to Hex 9A9DAF 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
#9A9DAF }
```

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

```
.border{ border-color:#9A9DAF }
```

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

Here you see how a box with a 4 pixel #9A9DAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A9DAF; -webkit-box-shadow:4px 4px  
4px 4px #9A9DAF; box-shadow:4px 4px 4px  
4px #9A9DAF }
```

# Background

The CSS property to change the background color of an element to Hex 9A9DAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A9DAF }
```

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

```
.background{ background-color:#9A9DAF }
```

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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