

# Converting Colors

Hex(7F9DAF)

Have a look what the booklet for  
Hex(7F9DAF) contains.

<b>Hex(7F9DAF)</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(7F9DAF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F9DAF
RGB	127, 157, 175
RGB Percent	50%, 62%, 69%
CMY	0.5020, 0.3843, 0.3137
CMYK	0.27, 0.10, 0.00, 0.31
HSL	202°, 23%, 59%
HSV	202°, 27%, 69%
XYZ	28.5472, 31.7211, 45.1756
YIQ	150.0820, -23.6580, -0.7620

# Conversions

## Conversions Part 2

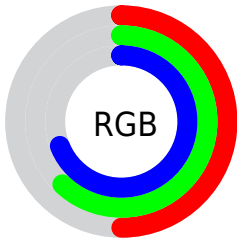
Format	Color
R <sub>Y</sub> B	127, 145, 175
Decimal	8363439
CIE Lab	63.11, -6.15, -12.77
CIE LCh	63, 14.174, 244.274
Yxy	31.7211, 0.2707, 0.3008
Android (android.graphics.Color)	4286553519 (0xFF7F9DAF)
YUV	150.0820, 12.2846, -20.2429
Hunter-Lab	56.3215, -8.0877, -8.1316

# Details

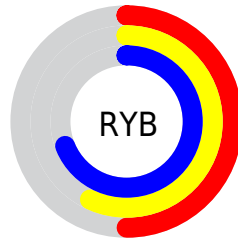
The Hex color **7F9DAF** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AF917F**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B5D4E7**, and **4C6A7B** is the 20% darker color. If you saturate the color by 10%, you get **6E96AF**, and if you desaturate by 10%, it is **91A4AF**.

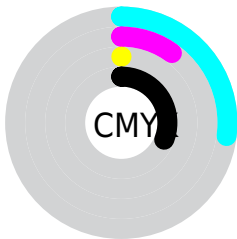
# Distribution



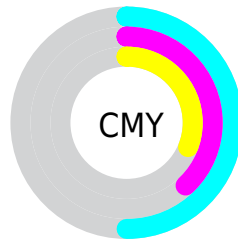
- Red (50%)
- Green (62%)
- Blue (69%)



- Red (50%)
- Yellow (57%)
- Blue (69%)



- Cyan (27%)
- Magenta (10%)
- Yellow (0%)
- Black (31%)



- Cyan (50%)
- Magenta (38%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F9DAF 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 7F9DAF by changing the saturation by 10% instead.



■ 7F9DAF

■ 7F9DAF

FFFFFF

■ 658394

■ B5D4E7

■ 4C6A7B

■ D1F0FF

■ 345262

■ EDFFFF

■ 1C3B4A

■ 022533

■ 00101E

■ 000002

■ 000000

■ 7F9DAF

■ 7F9DAF

6E96AF

91A4AF

5C90AF

A2AAAF

4B89AF

B4B1AF

3983AF

C5B7AF

277CAF

D7BEAF

1676AF

E8C4AF

046FAF

FACBAF

006DAF

FFD2AF

FFD8AF

# Harmonies

## Analogous

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



789FA6



7F9DAF



8D99B2

# Triad

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



7F9DAF



B29097



939C84

# Complementary

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



7F9DAF



AF917F

# 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.



A19880



7F9DAF



B3918B

# Square

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



7F9DAF



AB91A4



AC9482



859F8D

# Rectangle

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



7F9DAF



9896B0



AC9482



989B82



# Sweetspot

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



7F9DAF



D1DCE3



7FAF91



676E73



F2F2F2



737373



# Same Dimension

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



7F9DAF



98C7E3



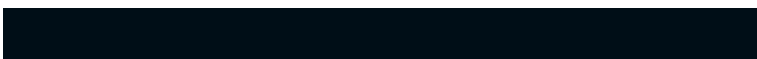
7F85AF



4E5357



005E96



000E17



# Inverse Universe

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



AF7F9D



E398C7



AFA97F



574E53



96005E



17000E



# Previews

## White Background



This preview shows how the Hex color 7F9DAF looks on a white background.

## Color Contrast Check

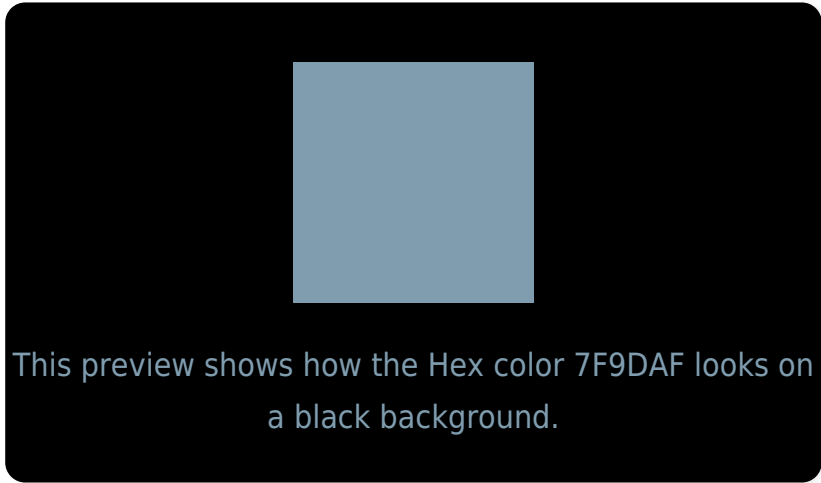
Large Text (above 18pt) WCAG AA × Fail

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

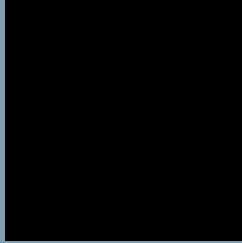
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

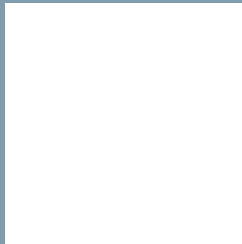
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F9DAF Background



This preview shows how black text looks on a background with the Hex color 7F9DAF.



This preview shows how white text looks on a background with the Hex color 7F9DAF.

# 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](#).

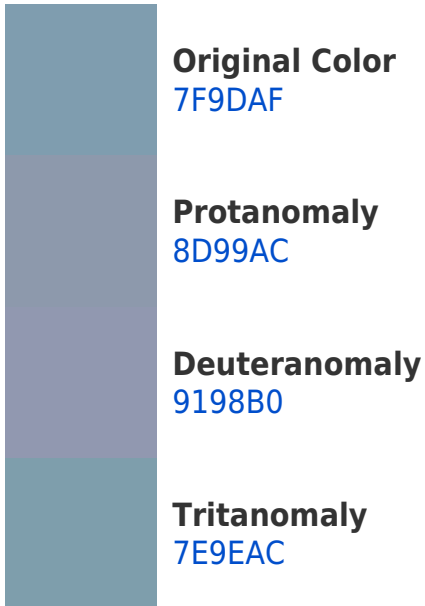
## Dichromacy



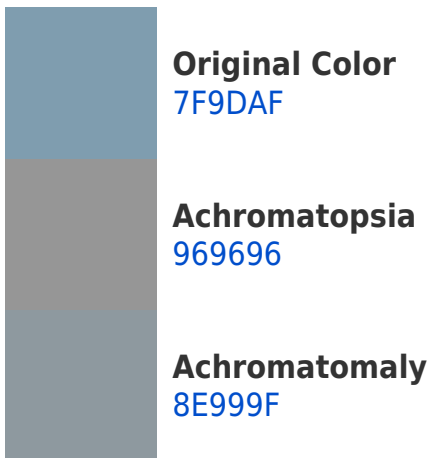


**Tritanopia**  
7E9EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F9DAF 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 #7F9DAF looks like.

```
.text, #text, p{  
    color:#7F9DAF  
}
```

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 #7F9DAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9DAF
}
```

## Border

The CSS property to change the border of an element to Hex 7F9DAF 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
#7F9DAF }
```

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

```
.border{ border-color:#7F9DAF }
```

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

Here you see how a box with a 4 pixel #7F9DAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9DAF; -webkit-box-shadow:4px 4px  
4px 4px #7F9DAF; box-shadow:4px 4px 4px  
4px #7F9DAF }
```

# Background

The CSS property to change the background color of an element to Hex 7F9DAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9DAF }
```

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

```
.background{ background-color:#7F9DAF }
```

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