

# Converting Colors

Hex(8798AF)

Have a look what the booklet for  
Hex(8798AF) contains.

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# Color

**Hex(8798AF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8798AF
RGB	135, 152, 175
RGB Percent	53%, 60%, 69%
CMY	0.4706, 0.4039, 0.3137
CMYK	0.23, 0.13, 0.00, 0.31
HSL	214°, 20%, 61%
HSV	214°, 23%, 69%
XYZ	28.9578, 30.7025, 44.9574
YIQ	149.5390, -17.5150, 3.5490

# Conversions

## Conversions Part 2

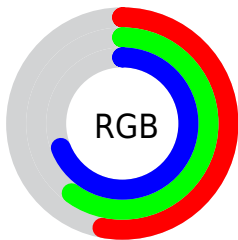
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 147, 175
Decimal	8886447
CIE <sub>Lab</sub>	62.26, -0.87, -14.00
CIE <sub>LCh</sub>	62, 14.031, 266.464
Yxy	30.7025, 0.2768, 0.2935
Android (android.graphics.Color)	4287076527 (0xFF8798AF)
YUV	149.5390, 12.5523, -12.7507
Hunter-Lab	55.4099, -3.6813, -9.3187

# Details

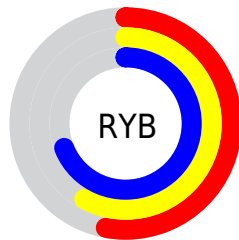
The Hex color **8798AF** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AF9E87**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **BDCEE7**, and **54657B** is the 20% darker color. If you saturate the color by 10%, you get **768EAF**, and if you desaturate by 10%, it is **99A2AF**.

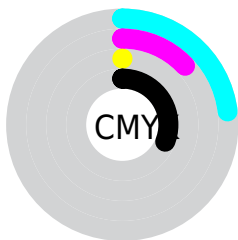
# Distribution



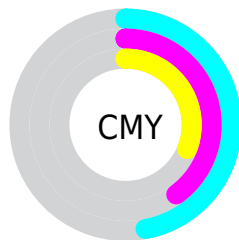
- Red (53%)
- Green (60%)
- Blue (69%)



- Red (53%)
- Yellow (58%)
- Blue (69%)



- Cyan (23%)
- Magenta (13%)
- Yellow (0%)
- Black (31%)



- Cyan (47%)
- Magenta (40%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8798AF 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 8798AF by changing the saturation by 10% instead.



■ 8798AF

FFFFFF

■ BDCEE7

■ D9EAFF

■ F5FFFF

■ 8798AF

■ 6D7E94

■ 54657B

■ 3D4D62

■ 25374A

■ 0F2133

■ 000A1E

■ 000002

■ 000000

■ 8798AF

■ 8798AF

768EAF

99A2AF

6484AF

AAACAF

537AAF

BBB6AF

4170AF

CDC0AF

2F66AF

DFCAAF

1E5CAF

F0D4AF

0C52AF

FFDEAF

004AAF

FFE9AF

FFF3AF

# Harmonies

## Analogous

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



7A9BAB



8798AF



9794AD

# Triad

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



8798AF



B18E8C



869C88

# Complementary

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



8798AF



AF9E87

# 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.



949980



8798AF



AC9182

# Square

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



8798AF



AF8E98



A2957E



7B9E94

# Rectangle

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



8798AF



A191A8



A2957E



8B9B85



# Sweetspot

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



8798AF



D3DAE3



87AF9E



6A6D73



F2F2F2



737373



# Same Dimension

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



8798AF



A6C0E3



8A87AF



4E5257



004096



000A17



# Inverse Universe

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



AF8798



E3A6C0



ACAF87



574E52



960040

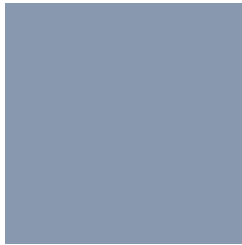


17000A



# Previews

## White Background



This preview shows how the Hex color 8798AF looks on a white background.

## Color Contrast Check

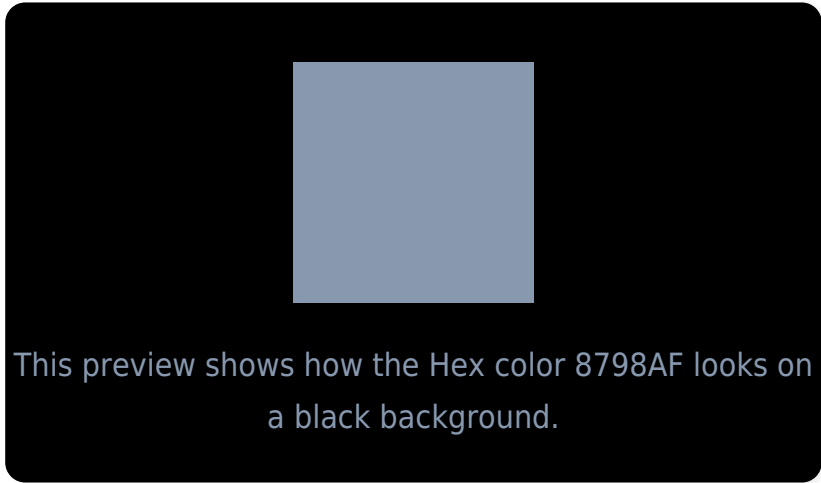
Large Text (above 18pt) WCAG AA × Fail

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

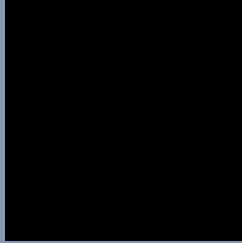
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

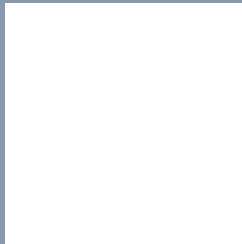
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8798AF Background



This preview shows how black text looks on a background with the Hex color 8798AF.



This preview shows how white text looks on a background with the Hex color 8798AF.

# 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**  
8798AF

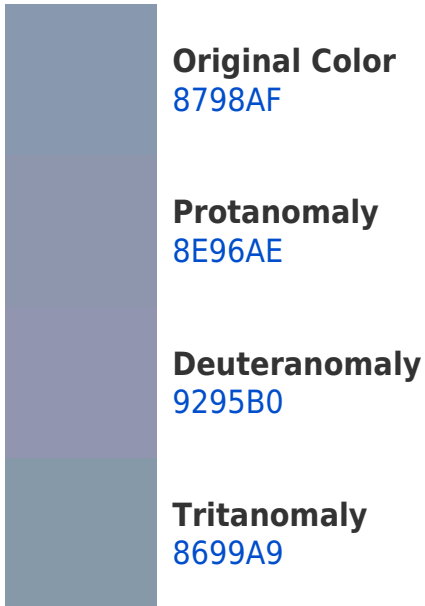
**Protanopia**  
9295AD

**Deuteranopia**  
9893B0

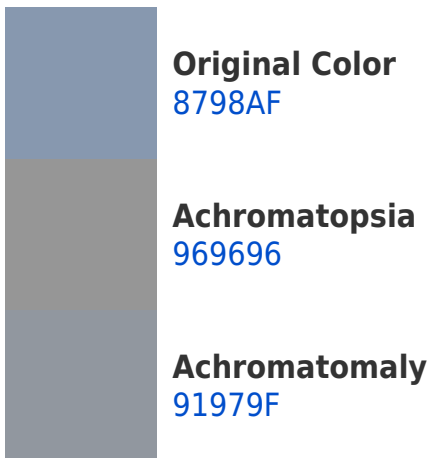


**Tritanopia**  
859AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8798AF 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 #8798AF looks like.

```
.text, #text, p{  
    color:#8798AF  
}
```

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 #8798AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8798AF
}
```

## Border

The CSS property to change the border of an element to Hex 8798AF 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
#8798AF }
```

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

```
.border{ border-color:#8798AF }
```

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

Here you see how a box with a 4 pixel #8798AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8798AF; -webkit-box-shadow:4px 4px  
4px 4px #8798AF; box-shadow:4px 4px 4px  
4px #8798AF }
```

# Background

The CSS property to change the background color of an element to Hex 8798AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8798AF }
```

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

```
.background{ background-color:#8798AF }
```

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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