

# Converting Colors

Hex(8A9996)

Have a look what the booklet for  
Hex(8A9996) contains.

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# **Color**

**Hex(8A9996)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A9996
RGB	138, 153, 150
RGB Percent	54%, 60%, 59%
CMY	0.4588, 0.4000, 0.4118
CMYK	0.10, 0.00, 0.02, 0.40
HSL	168°, 7%, 57%
HSV	168°, 10%, 60%
XYZ	27.3775, 30.3877, 33.2766
YIQ	148.1730, -7.9770, -4.1130

# Conversions

## Conversions Part 2

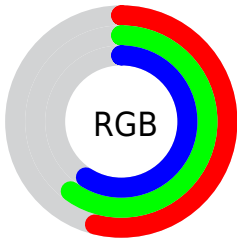
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 146, 153
Decimal	9083286
CIELab	61.99, -5.94, -0.26
CIELCh	62, 5.949, 182.469
Yxy	30.3877, 0.3007, 0.3338
Android (android.graphics.Color)	4287273366 (0xFF8A9996)
YUV	148.1730, 0.9007, -8.9217
Hunter-Lab	55.1251, -7.8181, 2.7967

# Details

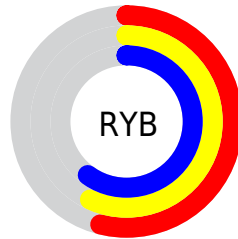
The Hex color **8A9996** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **998A8D**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **BFCFCC**, and **586663** is the 20% darker color. If you saturate the color by 10%, you get **7B9993**, and if you desaturate by 10%, it is **999999**.

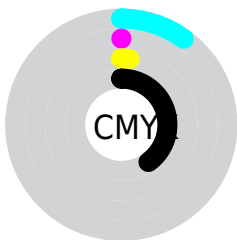
# Distribution



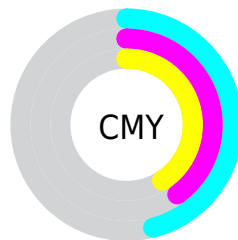
- Red (54%)
- Green (60%)
- Blue (59%)



- Red (54%)
- Yellow (57%)
- Blue (60%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (40%)



- Cyan (46%)
- Magenta (40%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A9996 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 8A9996 by changing the saturation by 10% instead.





8A9996



8A9996

FFFFFF



717F7C



BFCFCC



586663



DBECE8



414E4B



F8FFFF



2A3735



162220



000C08



000000



8A9996



8A9996



7B9993



999999

6B9990

A9999C

5C998D

B8999F

4D998A

C799A2

3E9987

D699A5

2E9984

E699A8

1F9981

F599AB

10997E

FF99AE

00997A

FF99B2

# Harmonies

## Analogous

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



8E9891



8A9996



89999B

# Triad

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



8A9996



97949F



9F948D

# Complementary

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



8A9996



998A8D

# 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.



A19390



8A9996



9D939B

# Square

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



8A9996



9196A0



A19295



9A968B

# Rectangle

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



8A9996



8A989E



A19295



A0938E



# Sweetspot

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



8A9996



C1C7C6



8D998A



5F6363



E3E3E3



636363



# Same Dimension

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



8A9996



AFC7C2



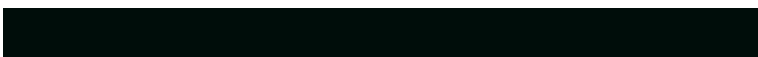
8A9499



454D4B



008C70



000D0A



# Inverse Universe

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



998A8D



C7AFB4



998F8A



4D4546



8C001C



0D0003



# Previews

## White Background



This preview shows how the Hex color 8A9996 looks on a white background.

## Color Contrast Check

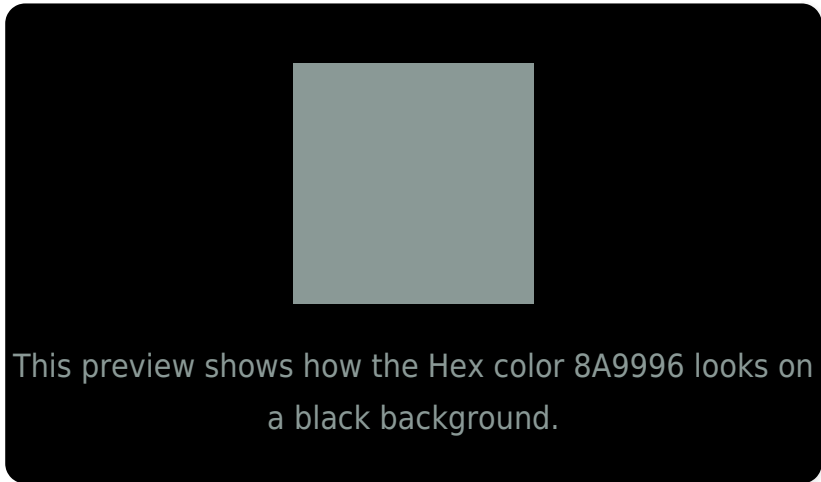
Large Text (above 18pt) WCAG AA × Fail

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

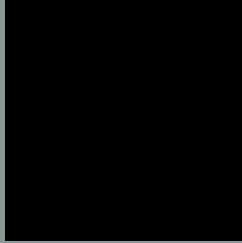
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

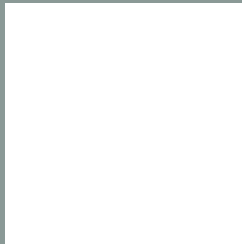
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8A9996 Background



This preview shows how black text looks on a background with the Hex color 8A9996.

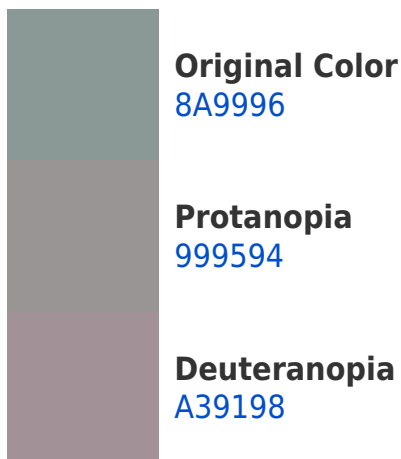


This preview shows how white text looks on a background with the Hex color 8A9996.

# 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**  
8C97A3

# Trichromacy



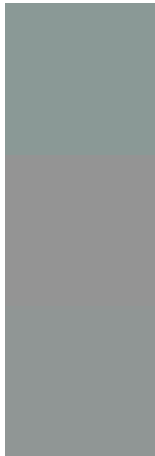
**Original Color**  
8A9996

**Protanomaly**  
949695

**Deuteranomaly**  
9A9497

**Tritanomaly**  
8B989E

# Monochromacy



**Original Color**  
8A9996

**Achromatopsia**  
949494

**Achromatomaly**  
909695

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A9996 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 #8A9996 looks like.

```
.text, #text, p{  
    color:#8A9996  
}
```

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 #8A9996 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A9996
}
```

## Border

The CSS property to change the border of an element to Hex 8A9996 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
#8A9996 }
```

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

```
.border{ border-color:#8A9996 }
```

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

Here you see how a box with a 4 pixel #8A9996 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A9996; -webkit-box-shadow:4px 4px  
4px 4px #8A9996; box-shadow:4px 4px 4px  
4px #8A9996 }
```

# Background

The CSS property to change the background color of an element to Hex 8A9996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A9996 }
```

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

```
.background{ background-color:#8A9996 }
```

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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