

# Converting Colors

Hex(8CAA9E)

Have a look what the booklet for  
Hex(8CAA9E) contains.

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# **Color**

**Hex(8CAA9E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CAA9E
RGB	140, 170, 158
RGB Percent	55%, 67%, 62%
CMY	0.4510, 0.3333, 0.3804
CMYK	0.18, 0.00, 0.07, 0.33
HSL	156°, 15%, 61%
HSV	156°, 18%, 67%
XYZ	31.3615, 36.7935, 37.7967
YIQ	159.6620, -14.0280, -10.0920

# Conversions

## Conversions Part 2

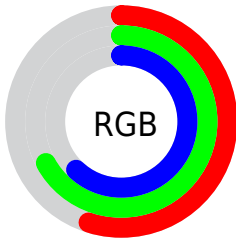
Format	Color
<a href="#">RYB</a>	<a href="#">140, 159, 170</a>
Decimal	<a href="#">9218718</a>
CIELab	<a href="#">67.12, -12.78, 2.75</a>
CIElCh	<a href="#">67, 13.071, 167.838</a>
Yxy	<a href="#">36.7935, 0.2960, 0.3473</a>
Android (android.graphics.Color)	<a href="#">4287408798 (0xFF8CAA9E)</a>
YUV	<a href="#">159.6620, -0.8194, -17.2436</a>
Hunter-Lab	<a href="#">60.6577, -13.8620, 5.5159</a>

# Details

The Hex color **8CAA9E** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AA8C98**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **C2E1D5**, and **59766B** is the 20% darker color. If you saturate the color by 10%, you get **7BAA97**, and if you desaturate by 10%, it is **9DAAA5**.

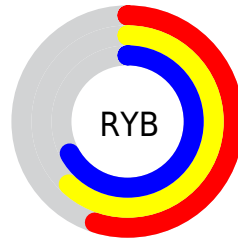
# Distribution



Red (55%)

Green (67%)

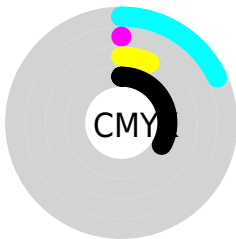
Blue (62%)



Red (55%)

Yellow (62%)

Blue (67%)

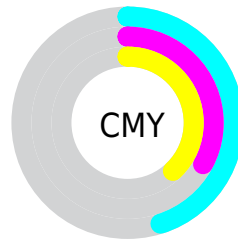


Cyan (18%)

Magenta (0%)

Yellow (7%)

Black (33%)



Cyan (45%)

Magenta (33%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CAA9E 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 8CAA9E by changing the saturation by 10% instead.



8CAA9E

8CAA9E

FFFFFF

728F84

C2E1D5

59766B

DEFEF1

425D53

FBFFFF

2B453C

152F26

001B11

000000

8CAA9E

8CAA9E

7BAA97

9DAAA5

■ 6AAA90

■ AEAAAC

■ 59AA8A

■ BFAAB2

■ 48AA83

■ D0AAB9

■ 37AA7C

■ E1AAC0

■ 26AA75

■ F2AAC7

■ 15AA6E

■ FFAACE

■ 04AA68

■ FFAAD4

■ 00AA66

■ FFAADB

# Harmonies

## Analogous

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



98A893



8CAA9E



86AAAA

# Triad

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



8CAA9E



A0A2BA



BA9D92

# Complementary

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



8CAA9E



AA8C98

# 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.



BD9B9D



8CAA9E



AE9EB3

# Square

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



8CAA9E



91A6BA



B89CA9



B2A18D

# Rectangle

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



8CAA9E



86AAB1



B89CA9



BC9D95



# Sweetspot

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



8CAA9E



D3DED9



98AA8C



69706E



F0F0F0



707070



# Same Dimension

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



8CAA9E



AFDECB



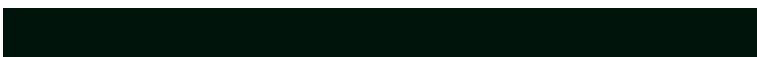
8CA7AA



4C5451



009459



00140C



# Inverse Universe

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



AA8C98



DEAFC2



AA8F8C



544C4F



94003B



140008



# Previews

## White Background



This preview shows how the Hex color 8CAA9E looks on a white background.

## Color Contrast Check

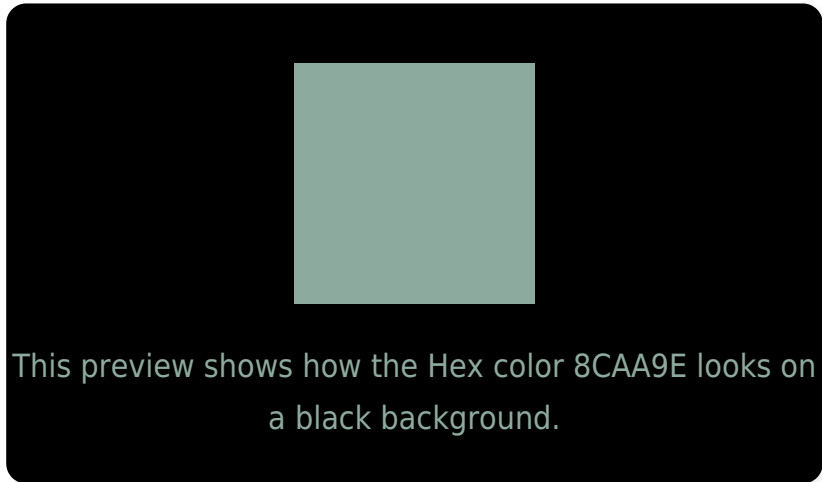
Large Text (above 18pt) WCAG AA × Fail

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

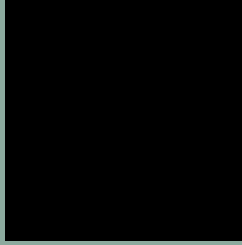
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

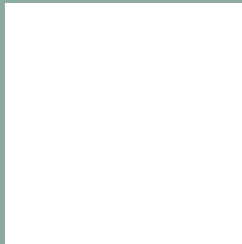
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8CAA9E Background



This preview shows how black text looks on a background with the Hex color 8CAA9E.

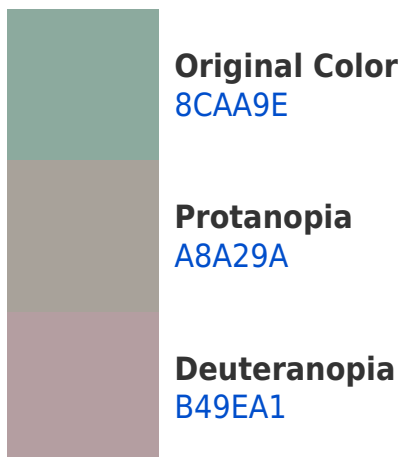


This preview shows how white text looks on a background with the Hex color 8CAA9E.

# 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](#).

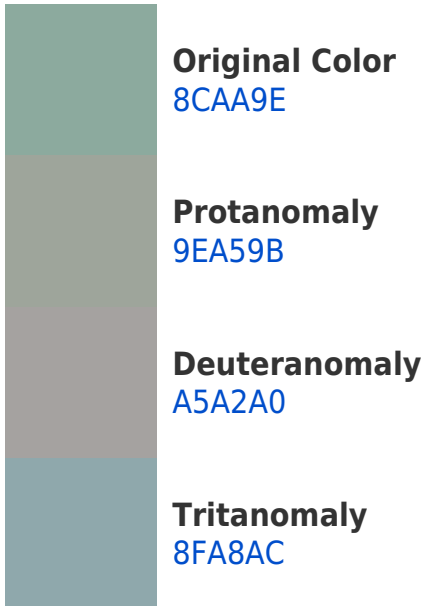
## Dichromacy



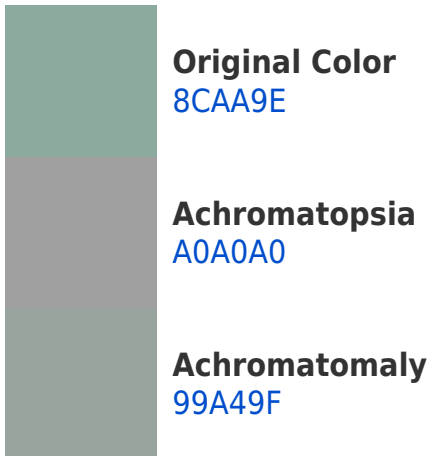


**Tritanopia**  
90A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CAA9E 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 #8CAA9E looks like.

```
.text, #text, p{  
    color:#8CAA9E  
}
```

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 #8CAA9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CAA9E
}
```

## Border

The CSS property to change the border of an element to Hex 8CAA9E 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
#8CAA9E }
```

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

```
.border{ border-color:#8CAA9E }
```

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

Here you see how a box with a 4 pixel #8CAA9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CAA9E; -webkit-box-shadow:4px 4px  
4px 4px #8CAA9E; box-shadow:4px 4px 4px  
4px #8CAA9E }
```

# Background

The CSS property to change the background color of an element to Hex 8CAA9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CAA9E }
```

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

```
.background{ background-color:#8CAA9E }
```

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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