

# Converting Colors

Hex(8CA79A)

Have a look what the booklet for  
Hex(8CA79A) contains.

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# **Color**

**Hex(8CA79A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CA79A
RGB	140, 167, 154
RGB Percent	55%, 65%, 60%
CMY	0.4510, 0.3451, 0.3961
CMYK	0.16, 0.00, 0.08, 0.35
HSL	151°, 13%, 60%
HSV	151°, 16%, 65%
XYZ	30.4667, 35.5460, 35.8271
YIQ	157.4450, -11.9190, -9.7670

# Conversions

## Conversions Part 2

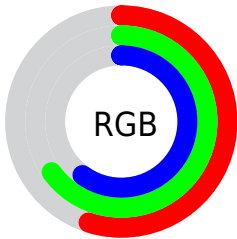
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 158, 167
Decimal	9217946
CIELab	66.17, -12.00, 3.60
CIELCh	66, 12.528, 163.298
Yxy	35.5460, 0.2992, 0.3490
Android (android.graphics.Color)	4287408026 (0xFF8CA79A)
YUV	157.4450, -1.6984, -15.2993
Hunter-Lab	59.6204, -13.1204, 6.1057

# Details

The Hex color **8CA79A** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A78C99**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **C2DED0**, and **5A7367** is the 20% darker color. If you saturate the color by 10%, you get **7BA792**, and if you desaturate by 10%, it is **9DA7A2**.

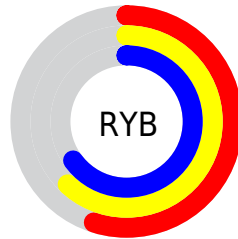
# Distribution



Red (55%)

Green (65%)

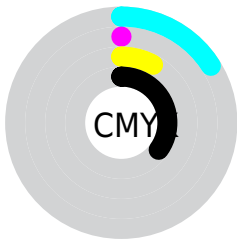
Blue (60%)



Red (55%)

Yellow (62%)

Blue (65%)

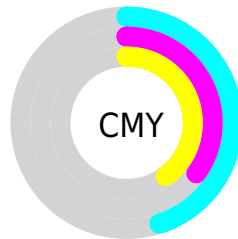


Cyan (16%)

Magenta (0%)

Yellow (8%)

Black (35%)



Cyan (45%)

Magenta (35%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CA79A 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 8CA79A by changing the saturation by 10% instead.





8CA79A



8CA79A

FFFFFF



728D80



C2DED0



5A7367



DEFBED



425A4F



FAFFFF



2B4338



162D23



00190D



000000



8CA79A



8CA79A



7BA792



9DA7A2

 6BA78A

 ADA7AA

 5AA782

 BEA7B2

 49A77A

 CFA7BA

 39A772

 DFA7C2

 28A76A

 F0A7CA

 17A762

 FFA7D2

 06A75A

 FFA7DA

 00A757

 FFA7E2

# Harmonies

## Analogous

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



98A590



8CA79A



85A8A6

# Triad

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



8CA79A



9BA0B7



B79B92

# Complementary

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



8CA79A



A78C99

# 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.



B9999C



8CA79A



A99CB1

# Square

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



8CA79A



8EA4B6



B49AA8



B09E8C

# Rectangle

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



8CA79A



84A7AD



B49AA8



B89A95



# Sweetspot

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



8CA79A



CED9D4



99A78C



676E6A



EDEDED



6E6E6E



# Same Dimension

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



8CA79A



B0D9C5



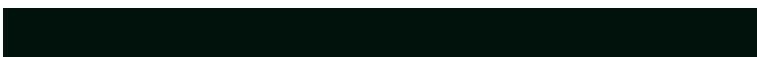
8CA7A7



4C5450



00944D



00140B



# Inverse Universe

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



A78C99



D9B0C3



A78C8C



544C50



940047



14000A



# Previews

## White Background



This preview shows how the Hex color 8CA79A looks on a white background.

## Color Contrast Check

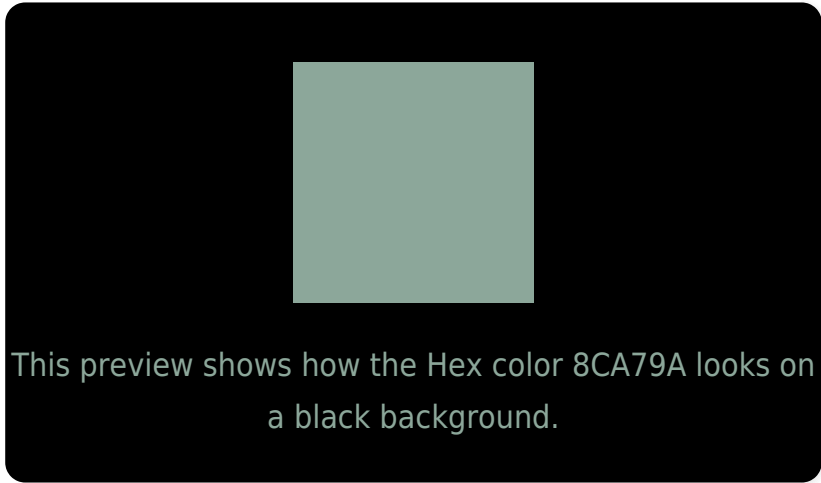
Large Text (above 18pt) WCAG AA × Fail

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

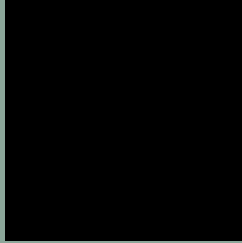
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

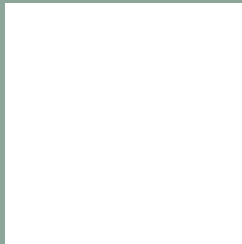
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8CA79A Background



This preview shows how black text looks on a background with the Hex color 8CA79A.

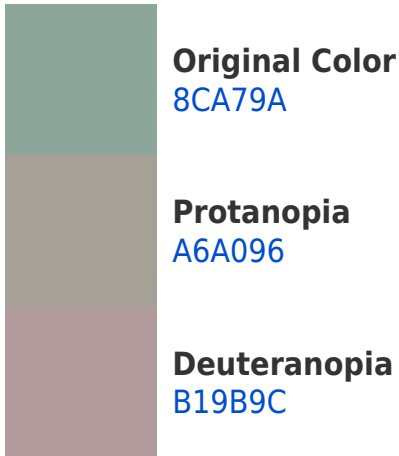


This preview shows how white text looks on a background with the Hex color 8CA79A.

# 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**  
90A4B1

# Trichromacy



**Original Color**  
8CA79A

**Protanomaly**  
9DA397

**Deuteranomaly**  
A49F9B

**Tritanomaly**  
8FA5A9

# Monochromacy



**Original Color**  
8CA79A

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
97A19C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CA79A 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 #8CA79A looks like.

```
.text, #text, p{  
    color:#8CA79A  
}
```

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 #8CA79A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CA79A
}
```

## Border

The CSS property to change the border of an element to Hex 8CA79A 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
#8CA79A }
```

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

```
.border{ border-color:#8CA79A }
```

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

Here you see how a box with a 4 pixel #8CA79A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CA79A; -webkit-box-shadow:4px 4px  
4px 4px #8CA79A; box-shadow:4px 4px 4px  
4px #8CA79A }
```

# Background

The CSS property to change the background color of an element to Hex 8CA79A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CA79A }
```

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

```
.background{ background-color:#8CA79A }
```

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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