

# Converting Colors

Hex(8CA59A)

Have a look what the booklet for  
Hex(8CA59A) contains.

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# **Color**

**Hex(8CA59A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CA59A
RGB	140, 165, 154
RGB Percent	55%, 65%, 60%
CMY	0.4510, 0.3529, 0.3961
CMYK	0.15, 0.00, 0.07, 0.35
HSL	154°, 12%, 60%
HSV	154°, 15%, 65%
XYZ	30.1031, 34.8188, 35.7060
YIQ	156.2710, -11.3690, -8.7210

# Conversions

## Conversions Part 2

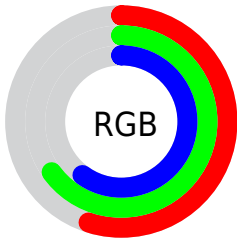
Format	Color
<a href="#">RYB</a>	<a href="#">140, 156, 165</a>
Decimal	<a href="#">9217434</a>
CIELab	<a href="#">65.61, -10.93, 2.78</a>
CIElCh	<a href="#">66, 11.283, 165.717</a>
Yxy	<a href="#">34.8188, 0.2992, 0.3460</a>
Android (android.graphics.Color)	<a href="#">4287407514</a> ( <a href="#">0xFF8CA59A</a> )
YUV	<a href="#">156.2710, -1.1196, -14.2697</a>
Hunter-Lab	<a href="#">59.0075, -12.2000, 5.4283</a>

# Details

The Hex color **8CA59A** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A58C97**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **C2DCD0**, and **5A7167** is the 20% darker color. If you saturate the color by 10%, you get **7BA593**, and if you desaturate by 10%, it is **9CA5A1**.

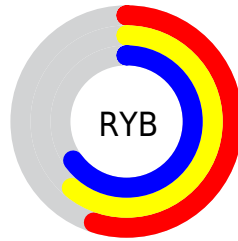
# Distribution



Red (55%)

Green (65%)

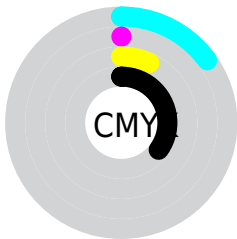
Blue (60%)



Red (55%)

Yellow (61%)

Blue (65%)

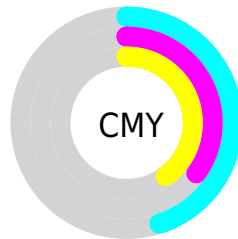


Cyan (15%)

Magenta (0%)

Yellow (7%)

Black (35%)



Cyan (45%)

Magenta (35%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CA59A 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 8CA59A by changing the saturation by 10% instead.





8CA59A



8CA59A

FFFFFF



728B80



C2DCD0



5A7167



DEF9ED



42594F



FAFFFF



2B4138



162B23



00170D



000000



8CA59A



8CA59A



7BA593



9CA5A1

 6BA58B

 ADA5A9

 5BA584

 BDA5B0

 4AA57D

 CEA5B7

 39A576

 DFA5BE

 29A56E

 EFA5C6

 18A567

 FFA5CD

 08A560

 FFA5D4

 00A55C

 FFA5DB

# Harmonies

## Analogous

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



96A391



8CA59A



86A5A4

# Triad

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



8CA59A



9B9EB3



B39A91

# Complementary

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



8CA59A



A58C97

# 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.



B5999A



8CA59A



A89BAE

# Square

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



8CA59A



8FA2B3



B199A5



AC9D8C

# Rectangle

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



8CA59A



86A5AB



B199A5



B59994



# Sweetspot

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



8CA59A



CBD6D1



97A58C



656B68



EBEBEB



6B6B6B



# Same Dimension

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



8CA59A



B0D6C5



8CA4A5



49524E



009151



00120A



# Inverse Universe

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



A58C97



D6B0C1



A58D8C



52494D



910040



120008



# Previews

## White Background



This preview shows how the Hex color 8CA59A looks on a white background.

## Color Contrast Check

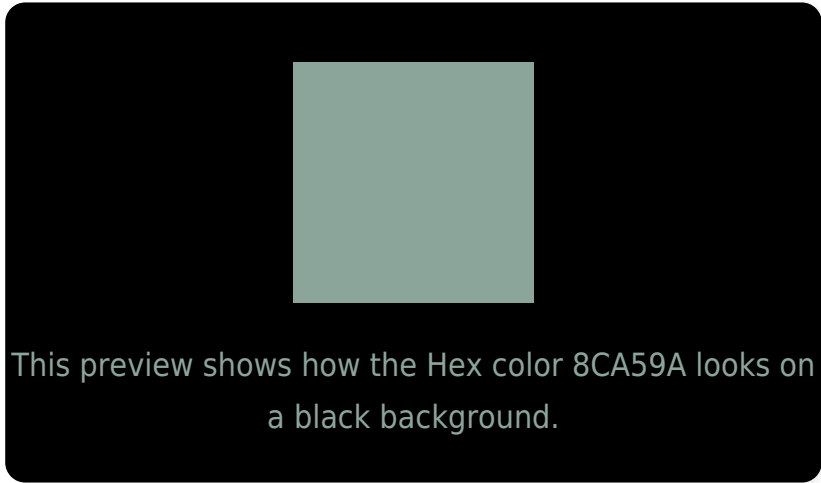
Large Text (above 18pt) WCAG AA × Fail

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

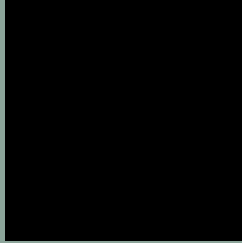
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8CA59A Background



This preview shows how black text looks on a background with the Hex color 8CA59A.

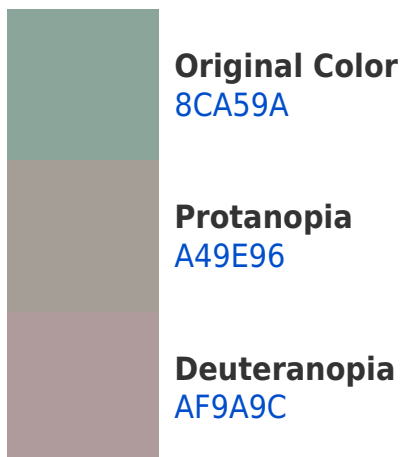


This preview shows how white text looks on a background with the Hex color 8CA59A.

# 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**  
90A2AF

# Trichromacy



**Original Color**  
8CA59A

**Protanomaly**  
9BA197

**Deuteranomaly**  
A29E9B

**Tritanomaly**  
8FA3A7

# Monochromacy



**Original Color**  
8CA59A

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
969F9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CA59A 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 #8CA59A looks like.

```
.text, #text, p{  
    color:#8CA59A  
}
```

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 #8CA59A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CA59A
}
```

## Border

The CSS property to change the border of an element to Hex 8CA59A 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
#8CA59A }
```

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

```
.border{ border-color:#8CA59A }
```

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

Here you see how a box with a 4 pixel #8CA59A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CA59A; -webkit-box-shadow:4px 4px  
4px 4px #8CA59A; box-shadow:4px 4px 4px  
4px #8CA59A }
```

# Background

The CSS property to change the background color of an element to Hex 8CA59A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CA59A }
```

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

```
.background{ background-color:#8CA59A }
```

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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