

# Converting Colors

Hex(84A29C)

Have a look what the booklet for  
Hex(84A29C) contains.

<b>Hex(84A29C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(84A29C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84A29C
RGB	132, 162, 156
RGB Percent	52%, 64%, 61%
CMY	0.4824, 0.3647, 0.3882
CMYK	0.19, 0.00, 0.04, 0.36
HSL	168°, 14%, 58%
HSV	168°, 19%, 64%
XYZ	28.4368, 33.1465, 36.3516
YIQ	152.3460, -15.9540, -8.2260

# Conversions

## Conversions Part 2

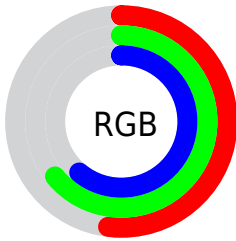
Format	Color
<a href="#">RYB</a>	<a href="#">132, 149, 162</a>
Decimal	<a href="#">8692380</a>
CIELab	<a href="#">64.28, -11.62, -0.33</a>
CIElCh	<a href="#">64, 11.623, 181.639</a>
Yxy	<a href="#">33.1465, 0.2904, 0.3385</a>
Android (android.graphics.Color)	<a href="#">4286882460 (0xFF84A29C)</a>
YUV	<a href="#">152.3460, 1.8014, -17.8434</a>
Hunter-Lab	<a href="#">57.5730, -12.5869, 2.8654</a>

# Details

The Hex color **84A29C** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A2848A**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B9D9D2**, and **526E69** is the 20% darker color. If you saturate the color by 10%, you get **74A299**, and if you desaturate by 10%, it is **94A29F**.

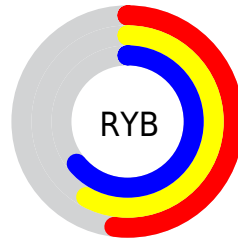
# Distribution



Red (52%)

Green (64%)

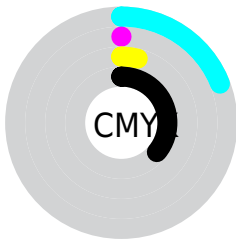
Blue (61%)



Red (52%)

Yellow (58%)

Blue (64%)

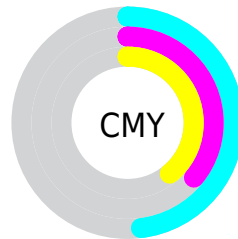


Cyan (19%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (48%)

Magenta (36%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84A29C 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 84A29C by changing the saturation by 10% instead.





84A29C



84A29C

FFFFFF



6A8882



B9D9D2



526E69



D5F5EF



3A5651



F2FFFF



243F3A



0E2924



00150F



000000



84A29C



84A29C



74A299



94A29F

64A296

A4A2A2

53A292

B5A2A6

43A28F

C5A2A9

33A28C

D5A2AC

23A289

E5A2AF

13A285

F5A2B3

02A282

FFA2B6

00A282

FFA2B9

# Harmonies

## Analogous

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



8CA192



84A29C



82A2A6

# Triad

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



84A29C



9F99AD



AD988A

# Complementary

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



84A29C



A2848A

# 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.



B29591



84A29C



AA96A6

# Square

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



84A29C



919CB0



B1959C



A49B87

# Rectangle

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



84A29C



84A0AC



B1959C



AF978C



# Sweetspot

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



84A29C



C7D4D1



8AA284



646B6A



EBEBEB



6B6B6B



# Same Dimension

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



84A29C



A5D4CA



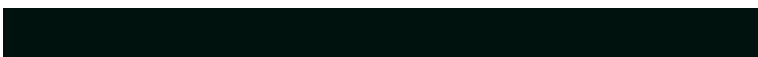
8499A2



495250



009174



00120E



# Inverse Universe

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



A2848A



D4A5AE



A28D84



52494B



91001D



120004



# Previews

## White Background



This preview shows how the Hex color 84A29C looks on a white background.

## Color Contrast Check

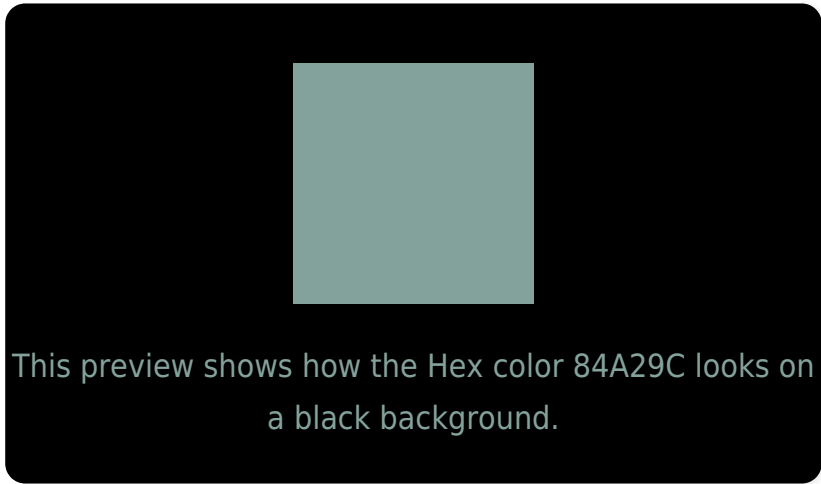
Large Text (above 18pt) WCAG AA × Fail

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

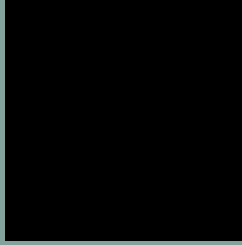
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

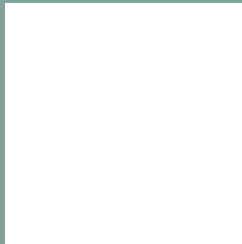
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84A29C Background



This preview shows how black text looks on a background with the Hex color 84A29C.

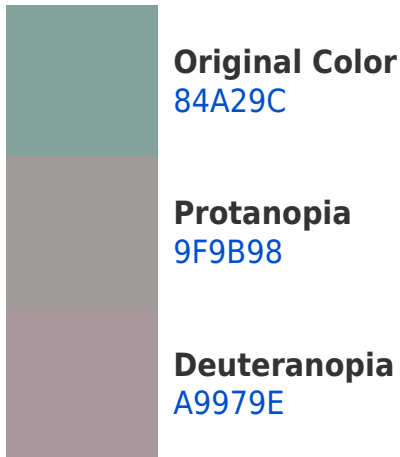


This preview shows how white text looks on a background with the Hex color 84A29C.

# 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**  
87A0AC

# Trichromacy



**Original Color**  
84A29C

**Protanomaly**  
959E99

**Deuteranomaly**  
9C9B9D

**Tritanomaly**  
86A1A6

# Monochromacy



**Original Color**  
84A29C

**Achromatopsia**  
989898

**Achromatomaly**  
919C99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84A29C 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 #84A29C looks like.

```
.text, #text, p{  
    color:#84A29C  
}
```

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 #84A29C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A29C
}
```

## Border

The CSS property to change the border of an element to Hex 84A29C 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
#84A29C }
```

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

```
.border{ border-color:#84A29C }
```

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

Here you see how a box with a 4 pixel #84A29C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A29C; -webkit-box-shadow:4px 4px  
4px 4px #84A29C; box-shadow:4px 4px 4px  
4px #84A29C }
```

# Background

The CSS property to change the background color of an element to Hex 84A29C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A29C }
```

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

```
.background{ background-color:#84A29C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor