

# Converting Colors

Hex(829C8B)

Have a look what the booklet for  
Hex(829C8B) contains.

<b>Hex(829C8B)</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(829C8B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	829C8B
RGB	130, 156, 139
RGB Percent	51%, 61%, 55%
CMY	0.4902, 0.3882, 0.4549
CMYK	0.17, 0.00, 0.11, 0.39
HSL	141°, 12%, 56%
HSV	141°, 17%, 61%
XYZ	25.7546, 30.3868, 28.9339
YIQ	146.2880, -10.0390, -10.7990

# Conversions

## Conversions Part 2

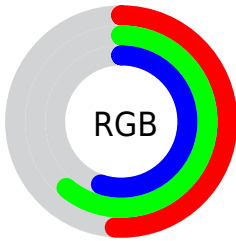
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 149, 156
Decimal	8559755
CIELab	61.99, -12.60, 5.88
CIElCh	62, 13.902, 154.988
Yxy	30.3868, 0.3027, 0.3572
Android (android.graphics.Color)	4286749835 (0xFF829C8B)
YUV	146.2880, -3.5930, -14.2846
Hunter-Lab	55.1243, -13.0705, 7.4665

# Details

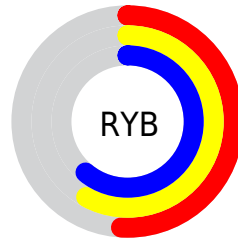
The Hex color **829C8B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9C8293**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B7D3C0**, and **506959** is the 20% darker color. If you saturate the color by 10%, you get **729C81**, and if you desaturate by 10%, it is **929C95**.

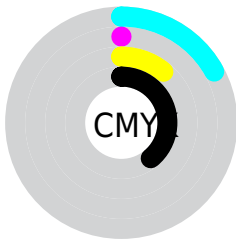
# Distribution



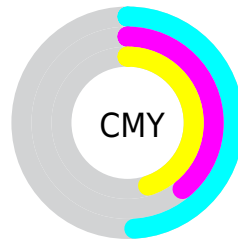
- Red (51%)
- Green (61%)
- Blue (55%)



- Red (51%)
- Yellow (58%)
- Blue (61%)



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (39%)



- Cyan (49%)
- Magenta (39%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 829C8B 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 829C8B by changing the saturation by 10% instead.





829C8B



829C8B

FFFFFF



698272



B7D3C0



506959



D3EFDC



395142



EFFFF9



233A2C



0E2417



000D00



000000



829C8B



829C8B



729C81



929C95

639C77

A19C9F

539C6C

B19CAA

449C62

C09CB4

349C58

D09CBE

249C4E

E09CC8

159C44

EF9CD2

059C39

FF9CDD

009C36

FF9CE7

# Harmonies

## Analogous

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



909981



829C8B



789D97

# Triad

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



829C8B



8B96AE



AF8E88

# Complementary

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



829C8B



9C8293

# 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.



AF8D94



829C8B



9B92AA

# Square

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



829C8B



7D9AAC



A88FA0



A99280

# Rectangle

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



829C8B



769DA0



A88FA0



B08E8C



# Sweetspot

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



829C8B



C2CCC5



939C82



606662



E6E6E6



666666



# Same Dimension

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



829C8B



A3CCB1



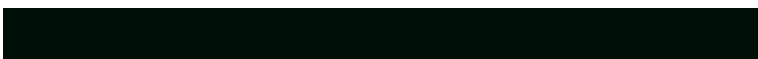
829C98



474F4A



008F31



000F05



# Inverse Universe

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



9C8293



CCA3BE



9C8286



4F474C



8F005D



0F000A



# Previews

## White Background



This preview shows how the Hex color 829C8B looks on a white background.

## Color Contrast Check

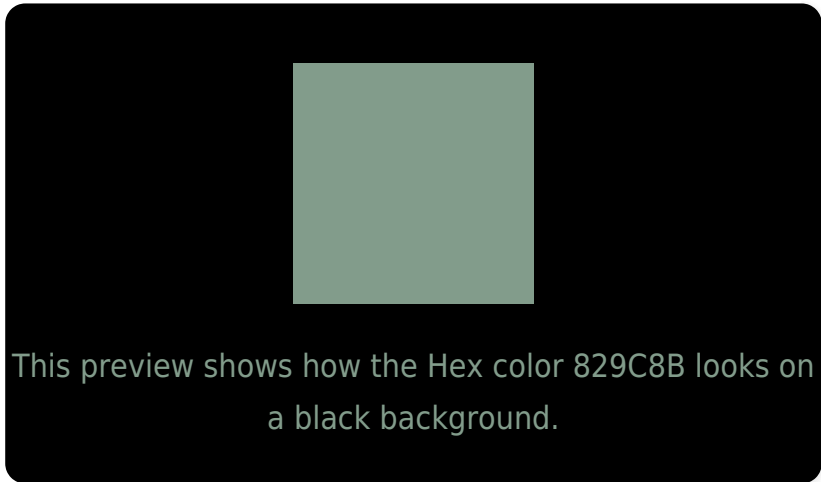
Large Text (above 18pt) WCAG AA × Fail

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

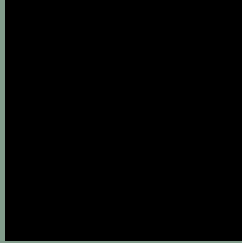
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

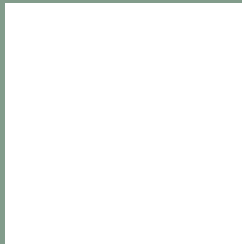
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 829C8B Background



This preview shows how black text looks on a background with the Hex color 829C8B.

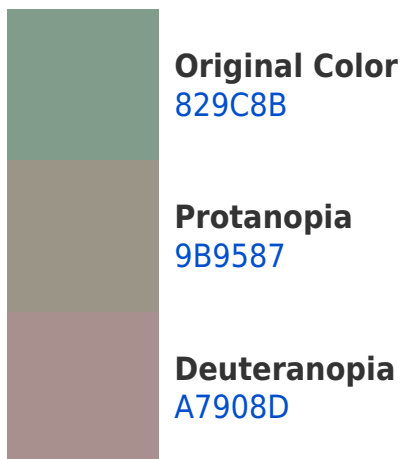


This preview shows how white text looks on a background with the Hex color 829C8B.

# 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](#).

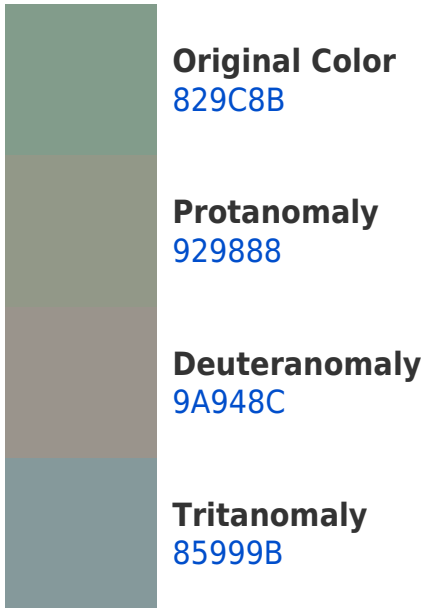
## Dichromacy



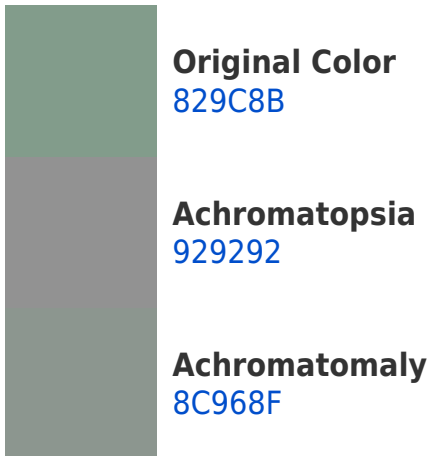


**Tritanopia**  
8698A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 829C8B 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 #829C8B looks like.

```
.text, #text, p{  
    color:#829C8B  
}
```

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 #829C8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #829C8B
}
```

## Border

The CSS property to change the border of an element to Hex 829C8B 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
#829C8B }
```

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

```
.border{ border-color:#829C8B }
```

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

Here you see how a box with a 4 pixel #829C8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #829C8B; -webkit-box-shadow:4px 4px  
4px 4px #829C8B; box-shadow:4px 4px 4px  
4px #829C8B }
```

# Background

The CSS property to change the background color of an element to Hex 829C8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#829C8B }
```

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

```
.background{ background-color:#829C8B }
```

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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