

# Converting Colors

Hex(829E8D)

Have a look what the booklet for  
Hex(829E8D) contains.

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# **Color**

**Hex(829E8D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	829E8D
RGB	130, 158, 141
RGB Percent	51%, 62%, 55%
CMY	0.4902, 0.3804, 0.4471
CMYK	0.18, 0.00, 0.11, 0.38
HSL	144°, 13%, 56%
HSV	144°, 18%, 62%
XYZ	26.2405, 31.1226, 29.8236
YIQ	147.6900, -11.2310, -11.2230

# Conversions

## Conversions Part 2

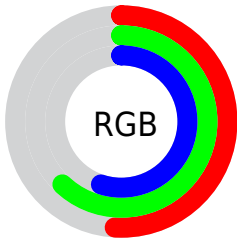
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 150, 158
Decimal	8560269
CIELab	62.61, -13.27, 5.65
CIELCh	63, 14.421, 156.934
Yxy	31.1226, 0.3010, 0.3570
Android (android.graphics.Color)	4286750349 (0xFF829E8D)
YUV	147.6900, -3.2982, -15.5141
Hunter-Lab	55.7877, -13.6685, 7.3555

# Details

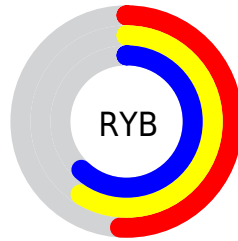
The Hex color **829E8D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9E8293**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B7D5C3**, and **506B5B** is the 20% darker color. If you saturate the color by 10%, you get **729E83**, and if you desaturate by 10%, it is **929E97**.

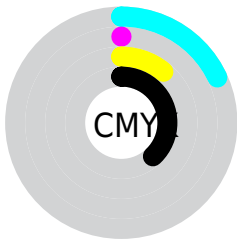
# Distribution



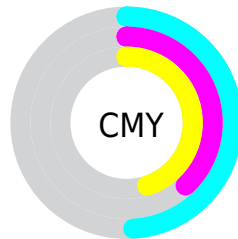
- Red (51%)
- Green (62%)
- Blue (55%)



- Red (51%)
- Yellow (59%)
- Blue (62%)



- Cyan (18%)
- Magenta (0%)
- Yellow (11%)
- Black (38%)



- Cyan (49%)
- Magenta (38%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 829E8D 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 829E8D by changing the saturation by 10% instead.





829E8D



829E8D

FFFFFF



698473



B7D5C3



506B5B



D3F1DE



395243



EFFFFB



233B2D



0D2519



001100



000000



829E8D



829E8D



729E83



929E97

629E7A

A29EA0

539E70

B19EAA

439E67

C19EB3

339E5D

D19EBD

239E53

E19EC7

139E4A

F19ED0

049E40

FF9EDA

009E3E

FF9EE3

# Harmonies

## Analogous

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



909B83



829E8D



789F9A

# Triad

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



829E8D



8D98B1



B29089

# Complementary

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



829E8D



9E8293

# 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.



B28F95



829E8D



9E93AC

# Square

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



829E8D



7E9BAF



AB90A2



AB9380

# Rectangle

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



829E8D



769FA2



AB90A2



B28F8C



# Sweetspot

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



829E8D



C4CFC8



939E82



626965



E8E8E8



696969



# Same Dimension

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



829E8D



A3CFB4



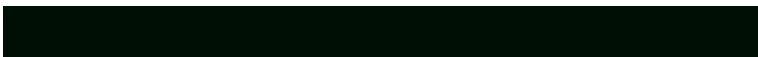
829E9B



474F4A



008F38



000F06



# Inverse Universe

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



9E8293



CFA3BE



9E8285



4F474C



8F0057

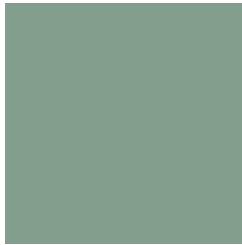


0F0009



# Previews

## White Background



This preview shows how the Hex color 829E8D looks on a white background.

## Color Contrast Check

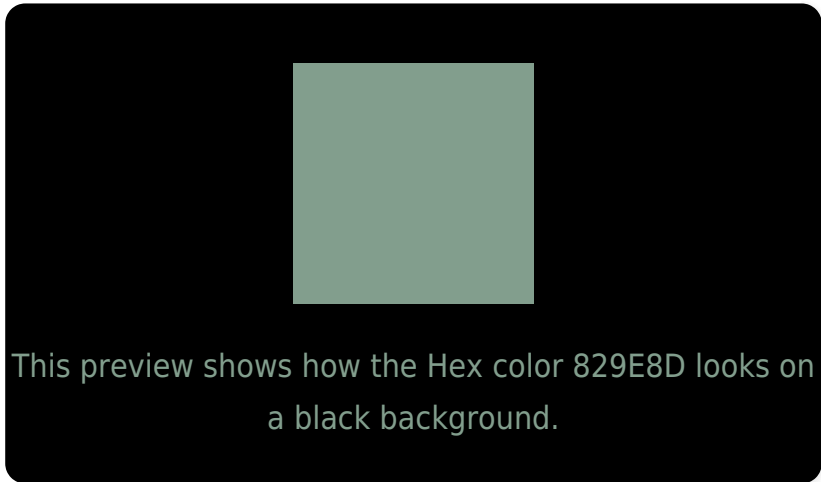
Large Text (above 18pt) WCAG AA × Fail

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

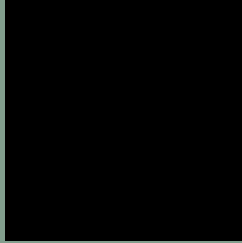
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

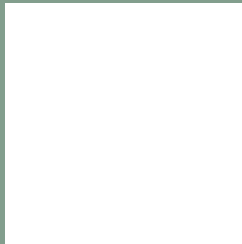
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 829E8D Background



This preview shows how black text looks on a background with the Hex color 829E8D.

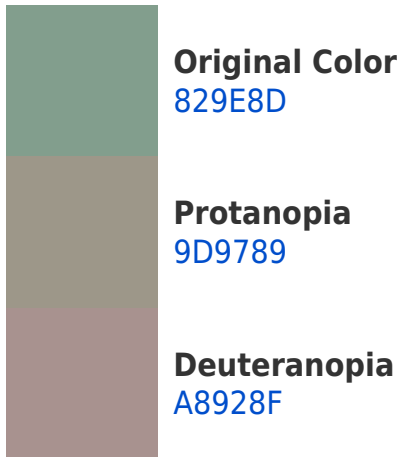


This preview shows how white text looks on a background with the Hex color 829E8D.

# 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](#).

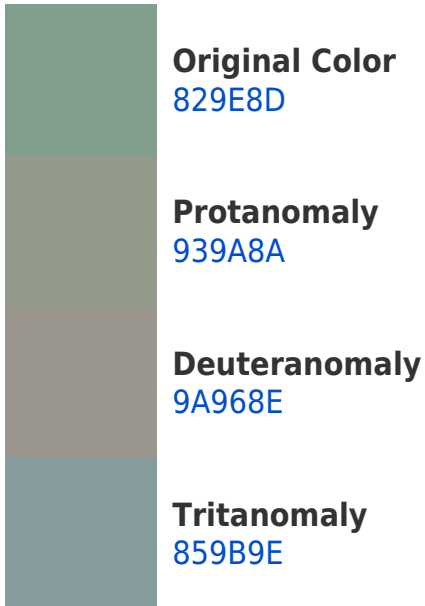
## Dichromacy



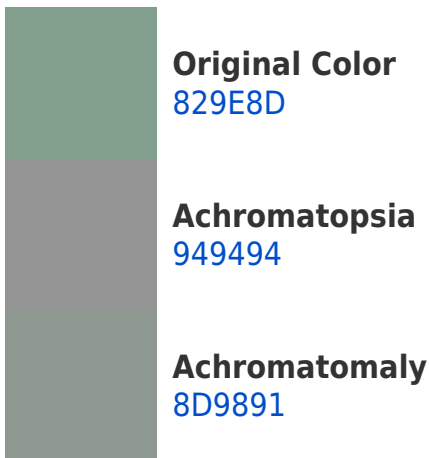


**Tritanopia**  
879AA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 829E8D 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 #829E8D looks like.

```
.text, #text, p{  
    color:#829E8D  
}
```

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 #829E8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #829E8D
}
```

## Border

The CSS property to change the border of an element to Hex 829E8D 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
#829E8D }
```

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

```
.border{ border-color:#829E8D }
```

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

Here you see how a box with a 4 pixel #829E8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #829E8D; -webkit-box-shadow:4px 4px  
4px 4px #829E8D; box-shadow:4px 4px 4px  
4px #829E8D }
```

# Background

The CSS property to change the background color of an element to Hex 829E8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#829E8D }
```

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

```
.background{ background-color:#829E8D }
```

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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