

# Converting Colors

Hex(829DAE)

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

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# **Color**

**Hex(829DAE)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 829DAE                      |
| RGB         | 130, 157, 174               |
| RGB Percent | 51%, 62%, 68%               |
| CMY         | 0.4902, 0.3843, 0.3176      |
| CMYK        | 0.25, 0.10, 0.00, 0.32      |
| HSL         | 203°, 21%, 60%              |
| HSV         | 203°, 25%, 68%              |
| XYZ         | 28.9029, 31.9158, 44.6814   |
| YIQ         | 150.8650, -21.5490, -0.4370 |

# Conversions

## Conversions Part 2

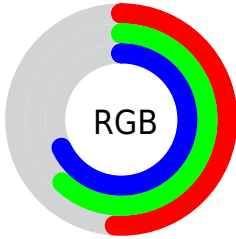
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">130, 147, 174</a>                   |
| Decimal                             | <a href="#">8560046</a>                         |
| CIELab                              | <a href="#">63.27, -5.46, -11.94</a>            |
| CIELCh                              | <a href="#">63, 13.135, 245.419</a>             |
| Yxy                                 | <a href="#">31.9158, 0.2740,<br/>0.3025</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4286750126<br/>(0xFF829DAE)</a>     |
| YUV                                 | <a href="#">150.8650, 11.4056,<br/>-18.2986</a> |
| Hunter-Lab                          | <a href="#">56.4940, -7.5423,<br/>-7.3469</a>   |

# Details

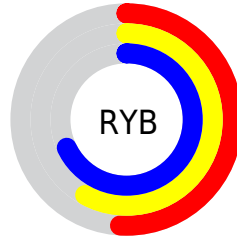
The Hex color **829DAE** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AE9382**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B8D4E5**, and **4F6A7A** is the 20% darker color. If you saturate the color by 10%, you get **7196AE**, and if you desaturate by 10%, it is **93A4AE**.

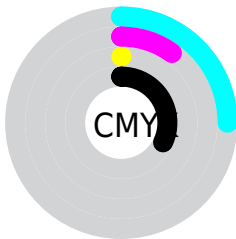
# Distribution



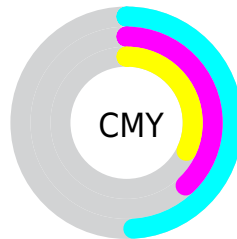
- Red (51%)
- Green (62%)
- Blue (68%)



- Red (51%)
- Yellow (58%)
- Blue (68%)



- Cyan (25%)
- Magenta (10%)
- Yellow (0%)
- Black (32%)



- Cyan (49%)
- Magenta (38%)
- Yellow (32%)

# Brightness & Saturation Gradients

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



 829DAE

 829DAE

FFFFFF

 688393

 B8D4E5

 4F6A7A

 D4F0FF

 375261

 F0FFFF

 203B49

 072532

 00101E

 000001

 000000

 829DAE

 829DAE

7196AE

93A4AE

5F90AE

A5AAAE

4E89AE

B6B1AE

3C82AE

C8B8AE

2B7BAE

D9BFAE

1A75AE

EAC5AE

086EAE

FCCCAE

006BAE

FFD3AE

FFDAAE

# Harmonies

## Analogous

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



7B9FA6



829DAE



8F99B0

# Triad

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



829DAE



B19197



939D86

# Complementary

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



829DAE



AE9382

# 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.



A09982



829DAE



B1928C

# Square

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



829DAE



AA92A3



AB9584



869F8F

# Rectangle

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



829DAE



9997AE



AB9584



989B84



# Sweetspot

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



829DAE



D1DCE3



82AE93



676E73



F2F2F2



737373



# Same Dimension

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



829DAE



9FC9E3



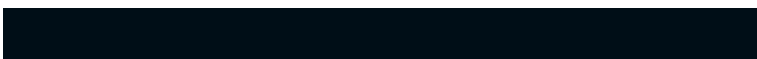
8287AE



4E5357



005C96



000E17



# Inverse Universe

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



AE829D



E39FC9



AEA982



574E53



96005C

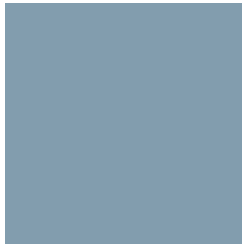


17000E



# Previews

## White Background



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

## Color Contrast Check

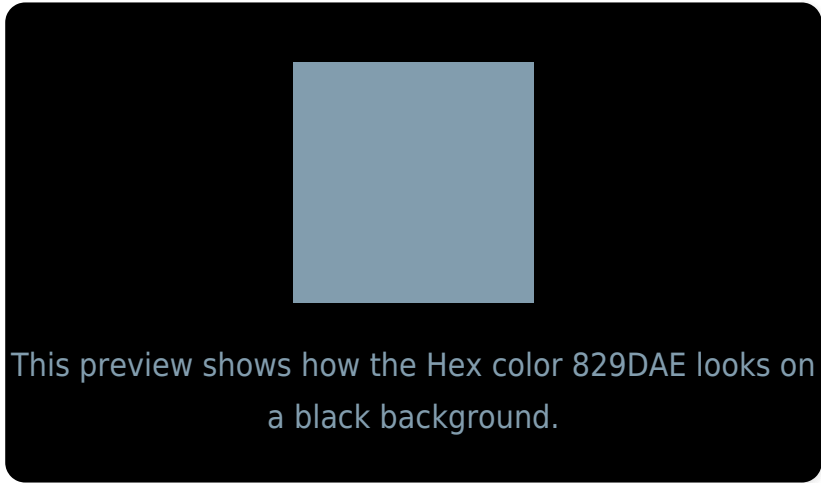
Large Text (above 18pt) WCAG AA × Fail

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

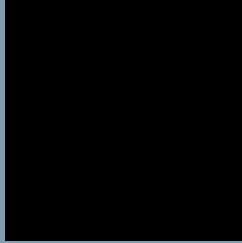
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

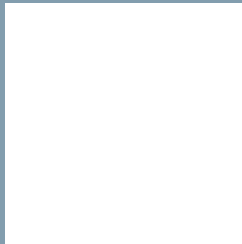
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 829DAE Background



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



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

# 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](#).

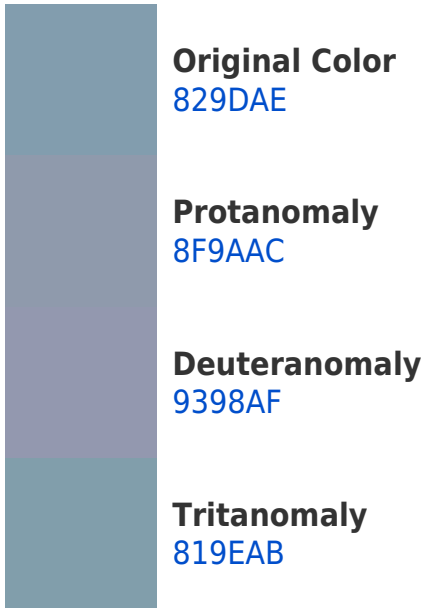
## Dichromacy



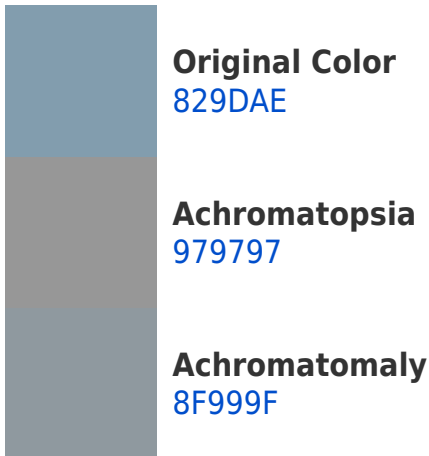


**Tritanopia**  
819EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #829DAE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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