

# Converting Colors

Hex(829199)

Have a look what the booklet for  
Hex(829199) contains.

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# Color

**Hex(829199)**

# Conversions

## Conversions Part 1

Format	Color
Hex	829199
RGB	130, 145, 153
RGB Percent	51%, 57%, 60%
CMY	0.4902, 0.4314, 0.4000
CMYK	0.15, 0.05, 0.00, 0.40
HSL	201°, 10%, 55%
HSV	201°, 15%, 60%
XYZ	25.0811, 27.2965, 34.0838
YIQ	141.4270, -11.5080, -0.6920

# Conversions

## Conversions Part 2

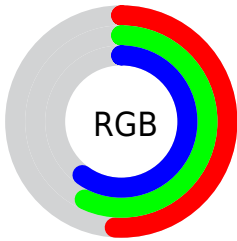
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 139, 153
Decimal	8556953
CIELab	59.25, -3.64, -6.06
CIElCh	59, 7.069, 239.018
Yxy	27.2965, 0.2901, 0.3157
Android (android.graphics.Color)	4286747033 (0xFF829199)
YUV	141.4270, 5.7055, -10.0215
Hunter-Lab	52.2461, -5.7405, -2.1068

# Details

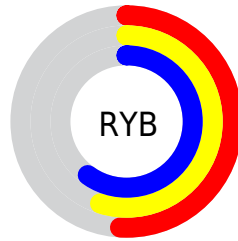
The Hex color **829199** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **998A82**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B7C7CF**, and **505F66** is the 20% darker color. If you saturate the color by 10%, you get **738C99**, and if you desaturate by 10%, it is **919699**.

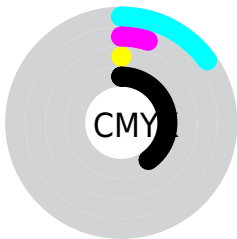
# Distribution



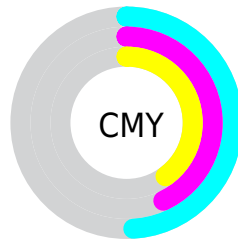
- Red (51%)
- Green (57%)
- Blue (60%)



- Red (51%)
- Yellow (55%)
- Blue (60%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (40%)



- Cyan (49%)
- Magenta (43%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 829199 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 829199 by changing the saturation by 10% instead.



■ 829199

■ 829199

FFFFFF

■ 69777F

■ B7C7CF

■ 505F66

■ D3E3EC

■ 39474E

■ EFFFFFF

■ 233137

■ 0E1C22

■ 00000C

■ 000000

■ 829199

■ 829199

■ 738C99

■ 919699

638699

A19C99

548199

B0A199

457C99

BFA699

357699

CFAC99

267199

DEB199

176C99

EDB699

086699

FCBC99

006499

FFC199

# Harmonies

## Analogous

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



7F9294



829199



888F9B

# Triad

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



829199



9B8B8F



8D9084

# Complementary

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



829199



998A82

# 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.



948E82



829199



9C8B89

# Square

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



829199



978B95



9A8C84



869288

# Rectangle

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



829199



8D8E9A



9A8C84



908F83



# Sweetspot

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



829199



BDC3C7



82998A



5D6163



E3E3E3



636363



# Same Dimension

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



829199



A3BAC7



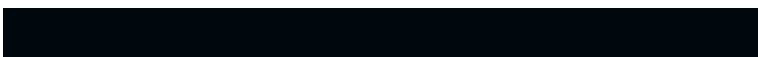
828699



454A4D



005B8C



00080D



# Inverse Universe

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



998291



C7A3BA



999582



4D454A



8C005B



0D0008



# Previews

## White Background



This preview shows how the Hex color 829199 looks on a white background.

## Color Contrast Check

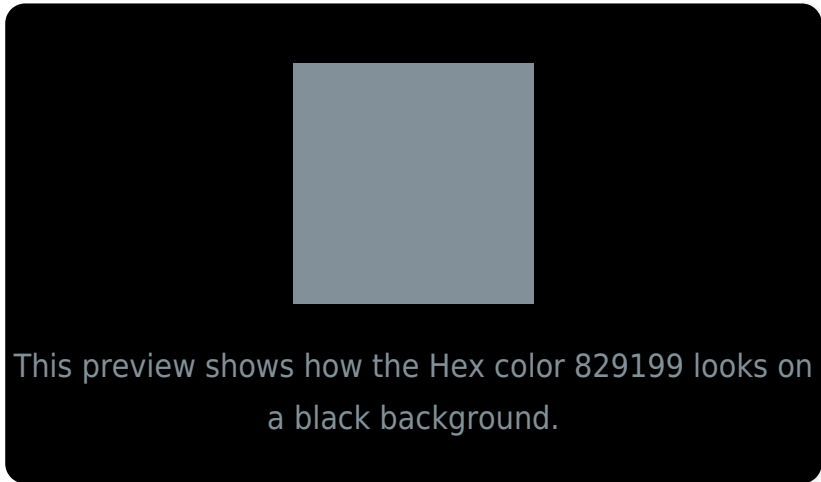
Large Text (above 18pt) WCAG AA ✓ Pass

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

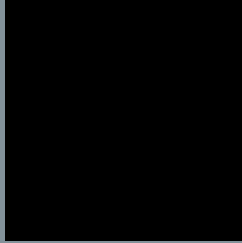
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

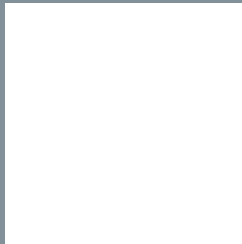
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 829199 Background



This preview shows how black text looks on a background with the Hex color 829199.

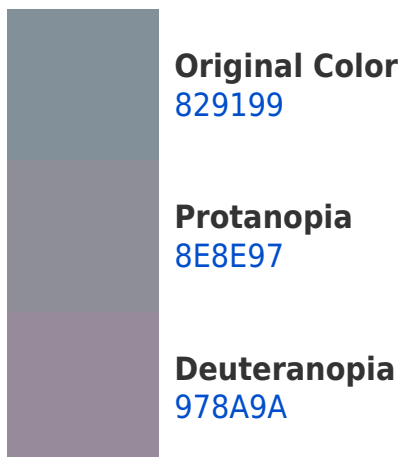


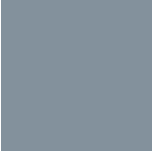
This preview shows how white text looks on a background with the Hex color 829199.

# 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](#).

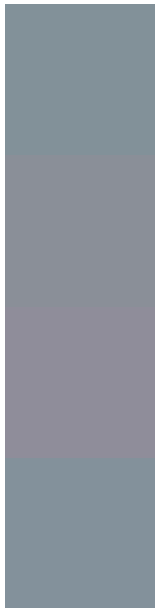
## Dichromacy





**Tritanopia**  
83919C

# Trichromacy



**Original Color**  
829199

**Protanomaly**  
8A8F98

**Deuteranomaly**  
8F8D9A

**Tritanomaly**  
83919B

# Monochromacy



**Original Color**  
829199

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
898E91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 829199 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 #829199 looks like.

```
.text, #text, p{  
    color:#829199  
}
```

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 #829199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #829199
}
```

## Border

The CSS property to change the border of an element to Hex 829199 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
#829199 }
```

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

```
.border{ border-color:#829199 }
```

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

Here you see how a box with a 4 pixel #829199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #829199; -webkit-box-shadow:4px 4px  
4px 4px #829199; box-shadow:4px 4px 4px  
4px #829199 }
```

# Background

The CSS property to change the background color of an element to Hex 829199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#829199 }
```

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

```
.background{ background-color:#829199 }
```

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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