

# Converting Colors

Hex(829B99)

Have a look what the booklet for  
Hex(829B99) contains.

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# **Color**

**Hex(829B99)**

# Conversions

## Conversions Part 1

Format	Color
Hex	829B99
RGB	130, 155, 153
RGB Percent	51%, 61%, 60%
CMY	0.4902, 0.3922, 0.4000
CMYK	0.16, 0.00, 0.01, 0.39
HSL	175°, 11%, 56%
HSV	175°, 16%, 61%
XYZ	26.6770, 30.4884, 34.6158
YIQ	147.2970, -14.2580, -5.9220

# Conversions

## Conversions Part 2

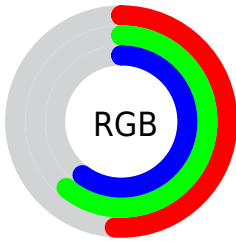
Format	Color
<a href="#">RYB</a>	<a href="#">130, 143, 155</a>
Decimal	<a href="#">8559513</a>
CIELab	<a href="#">62.07, -9.16, -1.89</a>
CIELCh	<a href="#">62, 9.348, 191.673</a>
Yxy	<a href="#">30.4884, 0.2907, 0.3322</a>
Android (android.graphics.Color)	<a href="#">4286749593</a> ( <a href="#">0xFF829B99</a> )
YUV	<a href="#">147.2970, 2.8116, -15.1695</a>
Hunter-Lab	<a href="#">55.2163, -10.3887, 1.4818</a>

# Details

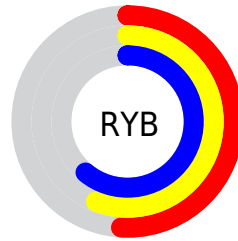
The Hex color **829B99** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9B8284**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B7D1CF**, and **506866** is the 20% darker color. If you saturate the color by 10%, you get **739B98**, and if you desaturate by 10%, it is **929B9A**.

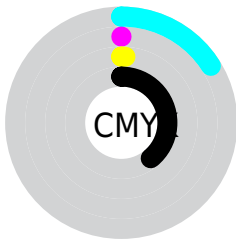
# Distribution



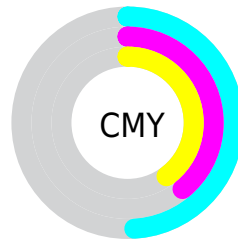
- Red (51%)
- Green (61%)
- Blue (60%)



- Red (51%)
- Yellow (56%)
- Blue (61%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)



- Cyan (49%)
- Magenta (39%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 829B99 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 829B99 by changing the saturation by 10% instead.



 829B99

 829B99

FFFFFF

 69817F

 B7D1CF

 506866

 D3EEEB

 39504E

 EFFFFFF

 233937

 0D2322

 000E0C

 000000

 829B99

 829B99

 739B98

 929B9A

639B97

A19B9B

549B95

B09B9D

449B94

C09B9E

359B93

D09B9F

259B92

DF9BA0

169B90

EE9BA2

069B8F

FE9BA3

009B8F

FF9BA4

# Harmonies

## Analogous

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



879B91



829B99



829AA1

# Triad

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



829B99



9C93A2



A29487

# Complementary

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



829B99



9B8284

# 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.



A7918B



829B99



A4919B

# Square

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



829B99



9196A6



A89093



999686

# Rectangle

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



829B99



8599A4



A89093



A49388



# Sweetspot

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



829B99



BFC9C9



849B82



606666



E6E6E6



666666



# Same Dimension

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



829B99



A3C9C6



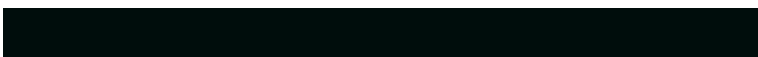
82919B



454D4C



008C81



000D0C



# Inverse Universe

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



9B8284



C9A3A6



9B8C82



4D4545



8C000B



0D0001



# Previews

## White Background



This preview shows how the Hex color 829B99 looks on a white background.

## Color Contrast Check

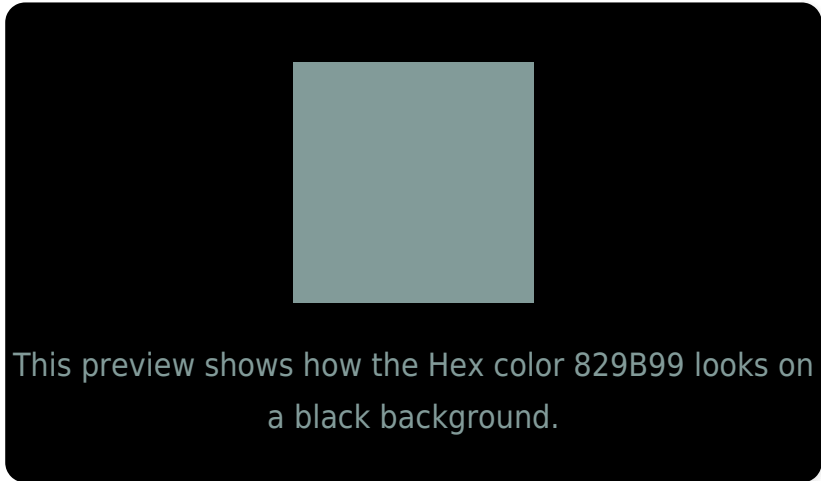
Large Text (above 18pt) WCAG AA × Fail

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

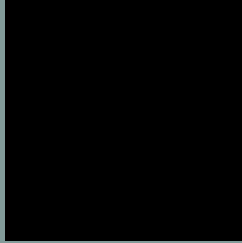
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

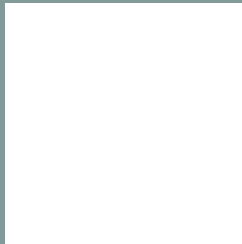
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 829B99 Background



This preview shows how black text looks on a background with the Hex color 829B99.

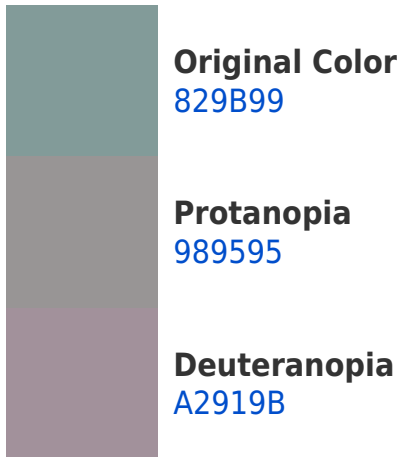


This preview shows how white text looks on a background with the Hex color 829B99.

# 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](#).

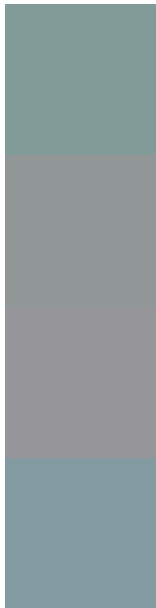
## Dichromacy





**Tritanopia**  
8499A5

# Trichromacy



**Original Color**  
829B99

**Protanomaly**  
909796

**Deuteranomaly**  
96959A

**Tritanomaly**  
839AA1

# Monochromacy



**Original Color**  
829B99

**Achromatopsia**  
939393

**Achromatomaly**  
8D9695

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 829B99 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 #829B99 looks like.

```
.text, #text, p{  
    color:#829B99  
}
```

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 #829B99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #829B99
}
```

## Border

The CSS property to change the border of an element to Hex 829B99 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
#829B99 }
```

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

```
.border{ border-color:#829B99 }
```

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

Here you see how a box with a 4 pixel #829B99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #829B99; -webkit-box-shadow:4px 4px  
4px 4px #829B99; box-shadow:4px 4px 4px  
4px #829B99 }
```

# Background

The CSS property to change the background color of an element to Hex 829B99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#829B99 }
```

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

```
.background{ background-color:#829B99 }
```

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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