

# Converting Colors

Hex(879AA6)

Have a look what the booklet for  
Hex(879AA6) contains.

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# **Color**

**Hex(879AA6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	879AA6
RGB	135, 154, 166
RGB Percent	53%, 60%, 65%
CMY	0.4706, 0.3961, 0.3490
CMYK	0.19, 0.07, 0.00, 0.35
HSL	203°, 15%, 59%
HSV	203°, 19%, 65%
XYZ	28.4302, 31.0153, 40.5645
YIQ	149.6870, -15.1760, -0.2960

# Conversions

## Conversions Part 2

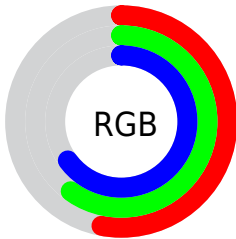
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 147, 166
Decimal	8886950
CIE Lab	62.52, -4.06, -8.53
CIE LCh	63, 9.448, 244.533
Yxy	31.0153, 0.2843, 0.3101
Android (android.graphics.Color)	4287077030 (0xFF879AA6)
YUV	149.6870, 8.0423, -12.8805
Hunter-Lab	55.6914, -6.3364, -4.2017

# Details

The Hex color **879AA6** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A69387**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **BDD0DD**, and **556772** is the 20% darker color. If you saturate the color by 10%, you get **7694A6**, and if you desaturate by 10%, it is **98A0A6**.

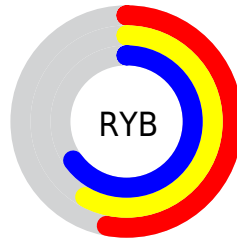
# Distribution



Red (53%)

Green (60%)

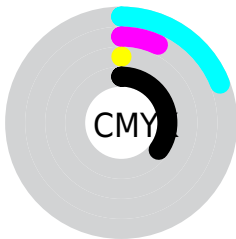
Blue (65%)



Red (53%)

Yellow (58%)

Blue (65%)

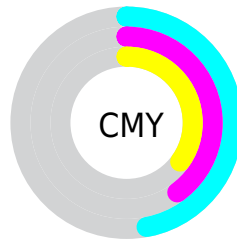


Cyan (19%)

Magenta (7%)

Yellow (0%)

Black (35%)



Cyan (47%)

Magenta (40%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 879AA6 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 879AA6 by changing the saturation by 10% instead.





879AA6



879AA6

FFFFFF



6D808C



BDD0DD



556772



D8EDFA



3D4F5A



F5FFFF



273842



11232C



000D18



000000



879AA6



879AA6



7694A6



98A0A6

668DA6

A8A7A6

5587A6

B9ADA6

4580A6

C9B4A6

347AA6

DABAA6

2373A6

EBC1A6

136DA6

FBC7A6

0267A6

FFCDA6

0066A6

FFD4A6

# Harmonies

## Analogous

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



829CA0



879AA6



9097A8

# Triad

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



879AA6



A99296



939A89

# Complementary

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



879AA6



A69387

# 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.



9D9787



879AA6



A9928E

# Square

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



879AA6



A3929F



A59488



8A9B90

# Rectangle

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



879AA6



9796A6



A59488



979988



# Sweetspot

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



879AA6



CCD4D9



87A693



666B6E



EDEDED



6E6E6E



# Same Dimension

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



879AA6



A9C6D9



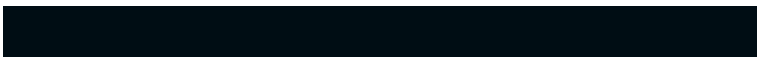
878BA6



4C5154



005B94



000D14



# Inverse Universe

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



A6879A



D9A9C6



A6A287



544C51



94005B



14000D



# Previews

## White Background



This preview shows how the Hex color 879AA6 looks on a white background.

## Color Contrast Check

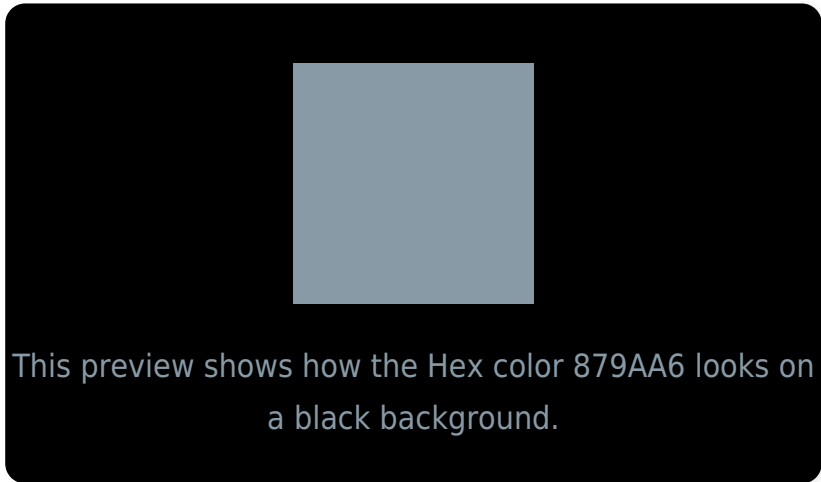
Large Text (above 18pt) WCAG AA × Fail

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

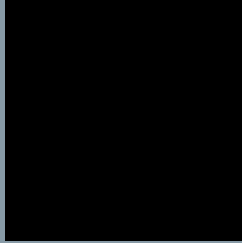
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

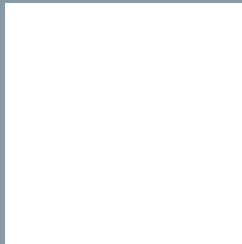
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 879AA6 Background



This preview shows how black text looks on a background with the Hex color 879AA6.



This preview shows how white text looks on a background with the Hex color 879AA6.

# 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](#).

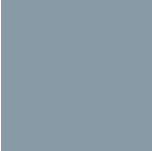
## Dichromacy



**Original Color**  
879AA6

**Protanopia**  
9696A3

**Deuteranopia**  
9E93A7



**Tritanopia**  
879AA6

# Trichromacy



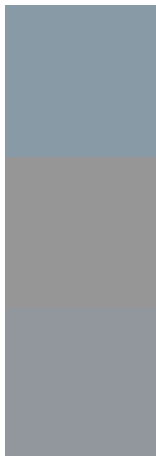
**Original Color**  
879AA6

**Protanomaly**  
9197A4

**Deuteranomaly**  
9696A7

**Tritanomaly**  
879AA6

# Monochromacy



**Original Color**  
879AA6

**Achromatopsia**  
969696

**Achromatomaly**  
91979C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 879AA6 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 #879AA6 looks like.

```
.text, #text, p{  
    color:#879AA6  
}
```

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 #879AA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #879AA6
}
```

## Border

The CSS property to change the border of an element to Hex 879AA6 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
#879AA6 }
```

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

```
.border{ border-color:#879AA6 }
```

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

Here you see how a box with a 4 pixel #879AA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #879AA6; -webkit-box-shadow:4px 4px  
4px 4px #879AA6; box-shadow:4px 4px 4px  
4px #879AA6 }
```

# Background

The CSS property to change the background color of an element to Hex 879AA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#879AA6 }
```

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

```
.background{ background-color:#879AA6 }
```

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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