

# Converting Colors

Hex(877DA1)

Have a look what the booklet for  
Hex(877DA1) contains.

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# Color

**Hex(877DA1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	877DA1
RGB	135, 125, 161
RGB Percent	53%, 49%, 63%
CMY	0.4706, 0.5098, 0.3686
CMYK	0.16, 0.22, 0.00, 0.37
HSL	257°, 16%, 56%
HSV	257°, 22%, 63%
XYZ	23.7583, 22.3913, 36.7880
YIQ	132.0940, -5.5960, 13.3160

# Conversions

## Conversions Part 2

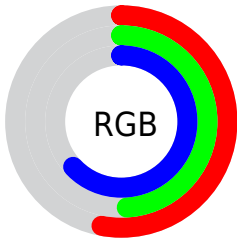
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 125, 161
Decimal	8879521
CIE <sub>Lab</sub>	54.44, 11.35, -17.85
CIE <sub>LCh</sub>	54, 21.151, 302.439
Yxy	22.3913, 0.2865, 0.2700
Android (android.graphics.Color)	4287069601 (0xFF877DA1)
YUV	132.0940, 14.2507, 2.5486
Hunter-Lab	47.3195, 6.8127, -12.9707

# Details

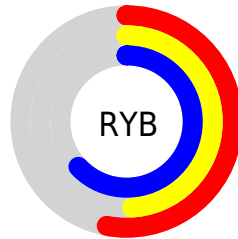
The Hex color **877DA1** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **97A17D**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **BDB2D8**, and **554C6D** is the 20% darker color. If you saturate the color by 10%, you get **7B6DA1**, and if you desaturate by 10%, it is **938DA1**.

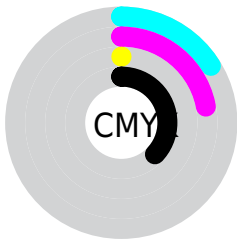
# Distribution



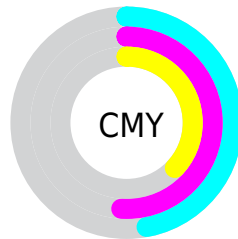
- Red (53%)
- Green (49%)
- Blue (63%)



- Red (53%)
- Yellow (49%)
- Blue (63%)



- Cyan (16%)
- Magenta (22%)
- Yellow (0%)
- Black (37%)



- Cyan (47%)
- Magenta (51%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 877DA1 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 877DA1 by changing the saturation by 10% instead.



■ 877DA1

■ 877DA1

FFFFFF

■ 6D6487

■ BDB2D8

■ 554C6D

■ D8CDF4

■ 3D3555

■ F5E9FF

■ 27203E

■ 130928

■ 000112

■ 000000

■ 877DA1

■ 877DA1

■ 7B6DA1

■ 938DA1

705DA1

9E9DA1

644DA1

AAADA1

583DA1

B6BDA1

4D2DA1

C1CEA1

411CA1

CDDEA1

360CA1

D8EEA1

2D00A1

E4FEA1

F0FFA1

# Harmonies

## Analogous

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



6E83A6



877DA1



9B7793

# Triad

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



877DA1



9E7B62



538C83

# Complementary

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



877DA1



97A17D

# 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.



658B71



877DA1



8E815E

# Square

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



877DA1



A6766F



7A8763



4C8C95

# Rectangle

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



877DA1



A37588



7A8763



598C7D



# Sweetspot

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



877DA1



C7C2D1



7D97A1



636069



E8E8E8



696969



# Same Dimension

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



877DA1



A899D1



997DA1



4C4952



280091



050012



# Inverse Universe

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



A17D97



D199C1



85A17D



52494F



910069



12000D



# Previews

## White Background



This preview shows how the Hex color 877DA1 looks on a white background.

## Color Contrast Check

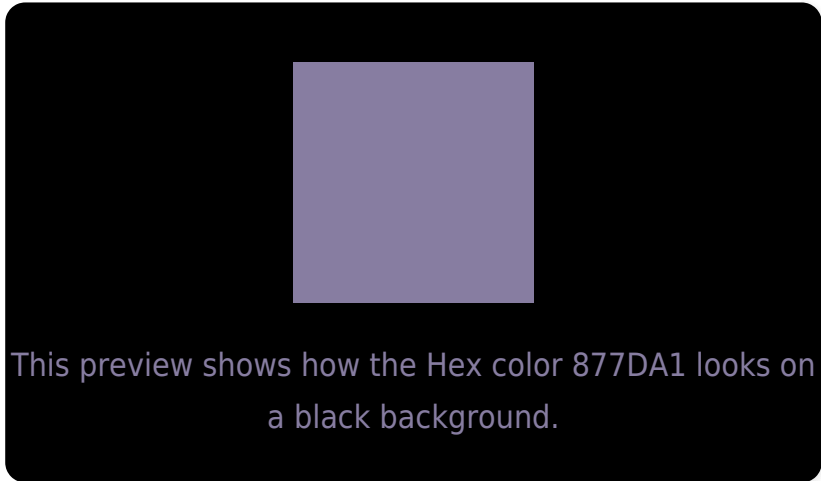
Large Text (above 18pt) WCAG AA ✓ Pass

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

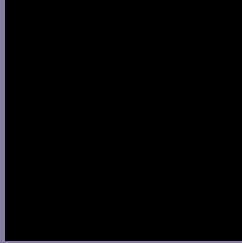
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 877DA1 Background



This preview shows how black text looks on a background with the Hex color 877DA1.

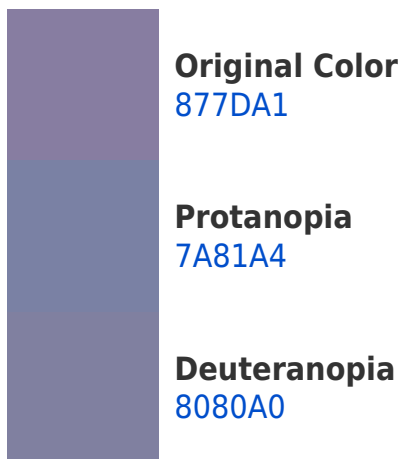


This preview shows how white text looks on a background with the Hex color 877DA1.

# 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**  
83818B

# Trichromacy



**Original Color**  
877DA1

**Protanomaly**  
7F80A3

**Deuteranomaly**  
837FA0

**Tritanomaly**  
848093

# Monochromacy



**Original Color**  
877DA1

**Achromatopsia**  
848484

**Achromatomaly**  
85818F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 877DA1 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 #877DA1 looks like.

```
.text, #text, p{  
    color:#877DA1  
}
```

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 #877DA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877DA1
}
```

## Border

The CSS property to change the border of an element to Hex 877DA1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

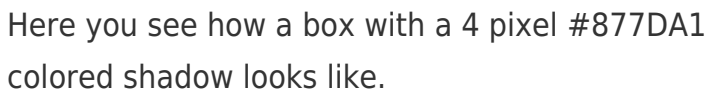
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#877DA1 }
```

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

```
.border{ border-color:#877DA1 }
```

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



Here you see how a box with a 4 pixel #877DA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877DA1; -webkit-box-shadow:4px 4px  
4px 4px #877DA1; box-shadow:4px 4px 4px  
4px #877DA1 }
```

# Background

The CSS property to change the background color of an element to Hex 877DA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877DA1 }
```

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

```
.background{ background-color:#877DA1 }
```

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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