

# Converting Colors

Hex(7882A9)

Have a look what the booklet for  
Hex(7882A9) contains.

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# Color

**Hex(7882A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7882A9
RGB	120, 130, 169
RGB Percent	47%, 51%, 66%
CMY	0.5294, 0.4902, 0.3373
CMYK	0.29, 0.23, 0.00, 0.34
HSL	228°, 22%, 57%
HSV	228°, 29%, 66%
XYZ	22.8898, 22.8229, 40.7350
YIQ	131.4560, -18.4790, 10.0090

# Conversions

## Conversions Part 2

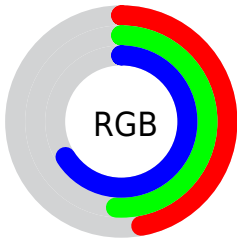
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 128, 169
Decimal	7897769
CIE <sub>Lab</sub>	54.89, 5.52, -21.89
CIE <sub>LCh</sub>	55, 22.574, 284.157
Yxy	22.8229, 0.2648, 0.2640
Android (android.graphics.Color)	4286087849 (0xFF7882A9)
YUV	131.4560, 18.5092, -10.0469
Hunter-Lab	47.7733, 1.9220, -17.1136

# Details

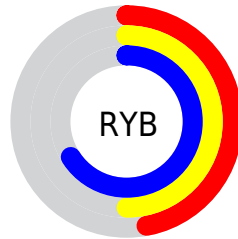
The Hex color **7882A9** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A99F78**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **ADB7E0**, and **465175** is the 20% darker color. If you saturate the color by 10%, you get **6775A9**, and if you desaturate by 10%, it is **898FA9**.

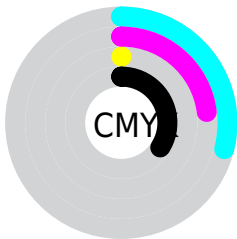
# Distribution



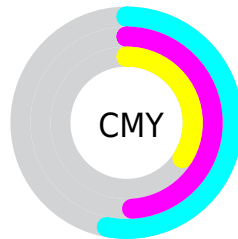
- Red (47%)
- Green (51%)
- Blue (66%)



- Red (47%)
- Yellow (50%)
- Blue (66%)



- Cyan (29%)
- Magenta (23%)
- Yellow (0%)
- Black (34%)



- Cyan (53%)
- Magenta (49%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7882A9 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 7882A9 by changing the saturation by 10% instead.





7882A9



7882A9

FFFFFF



5F698E



ADB7E0



465175



C9D2FD



2E3A5C



E5EFFF



162544



000F2E



000119



000000



7882A9



7882A9



6775A9



898FA9

■ 5667A9

■ 9A9DA9

■ 455AA9

■ ABAAA9

■ 344CA9

■ BCB8A9

■ 233FA9

■ CCC5A9

■ 1331A9

■ DDD3A9

■ 0224A9

■ EEE0A9

■ 0022A9

■ FFEEA9

■ FFFBA9

# Harmonies

## Analogous

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



5C88A8



7882A9



927B9F

# Triad

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



7882A9



A77969



5C8E78

# Complementary

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



7882A9



A99F78

# 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.



728A67



7882A9



9B7F5E

# Square

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



7882A9



AB757B



88855D



4B8E8C

# Rectangle

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



7882A9



9F7895



88855D



638D72



# Sweetspot

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



7882A9



C8CCDB



78A99E



62646E



EDEDED



6E6E6E



# Same Dimension

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



7882A9



8F9EDB



8678A9



4C4D54



001E94



000414



# Inverse Universe

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



A97882



DB8F9E



9BA978



544C4D



94001E

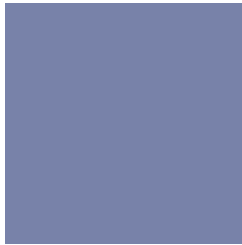


140004



# Previews

## White Background



This preview shows how the Hex color 7882A9 looks on a white background.

## Color Contrast Check

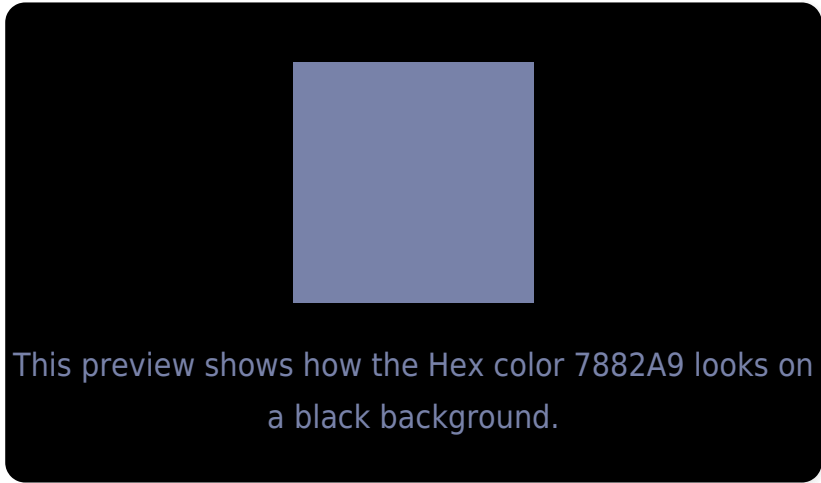
Large Text (above 18pt) WCAG AA ✓ Pass

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

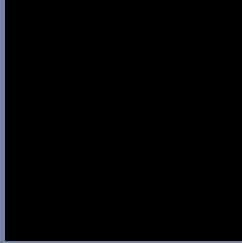
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

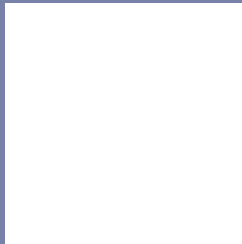
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7882A9 Background



This preview shows how black text looks on a background with the Hex color 7882A9.



This preview shows how white text looks on a background with the Hex color 7882A9.

# 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](#).

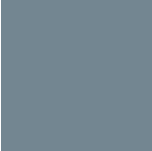
## Dichromacy



**Original Color**  
7882A9

**Protanopia**  
7982A9

**Deuteranopia**  
7C81A9



**Tritanopia**  
738691

# Trichromacy



**Original Color**  
7882A9

**Protanomaly**  
7982A9

**Deuteranomaly**  
7B81A9

**Tritanomaly**  
75859A

# Monochromacy



**Original Color**  
7882A9

**Achromatopsia**  
838383

**Achromatomaly**  
7F8391

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7882A9 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 #7882A9 looks like.

```
.text, #text, p{  
    color:#7882A9  
}
```

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 #7882A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7882A9
}
```

## Border

The CSS property to change the border of an element to Hex 7882A9 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
#7882A9 }
```

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

```
.border{ border-color:#7882A9 }
```

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

Here you see how a box with a 4 pixel #7882A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7882A9; -webkit-box-shadow:4px 4px  
4px 4px #7882A9; box-shadow:4px 4px 4px  
4px #7882A9 }
```

# Background

The CSS property to change the background color of an element to Hex 7882A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7882A9 }
```

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

```
.background{ background-color:#7882A9 }
```

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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