

# Converting Colors

Hex(8D8AA9)

Have a look what the booklet for  
Hex(8D8AA9) contains.

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# Color

**Hex(8D8AA9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D8AA9
RGB	141, 138, 169
RGB Percent	55%, 54%, 66%
CMY	0.4471, 0.4588, 0.3373
CMYK	0.17, 0.18, 0.00, 0.34
HSL	246°, 15%, 60%
HSV	246°, 18%, 66%
XYZ	27.2344, 26.7043, 41.2551
YIQ	142.4310, -8.1630, 10.2770

# Conversions

## Conversions Part 2

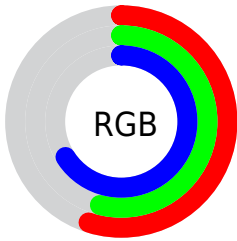
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 138, 169
Decimal	9276073
CIE <sub>Lab</sub>	58.70, 7.65, -15.93
CIE <sub>LCh</sub>	59, 17.672, 295.656
Yxy	26.7043, 0.2861, 0.2805
Android (android.graphics.Color)	4287466153 (0xFF8D8AA9)
YUV	142.4310, 13.0985, -1.2550
Hunter-Lab	51.6762, 3.6400, -11.1603

# Details

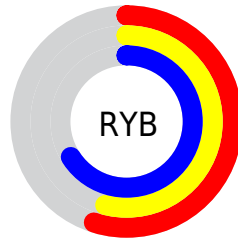
The Hex color **8D8AA9** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A6A98A**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **C3BFE0**, and **5A5875** is the 20% darker color. If you saturate the color by 10%, you get **7E79A9**, and if you desaturate by 10%, it is **9C9BA9**.

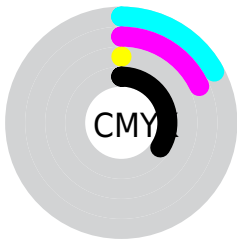
# Distribution



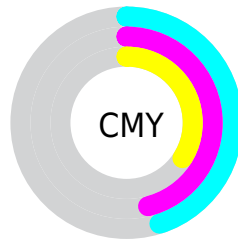
- Red (55%)
- Green (54%)
- Blue (66%)



- Red (55%)
- Yellow (54%)
- Blue (66%)



- Cyan (17%)
- Magenta (18%)
- Yellow (0%)
- Black (34%)



- Cyan (45%)
- Magenta (46%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D8AA9 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 8D8AA9 by changing the saturation by 10% instead.





8D8AA9



8D8AA9

FFFFFF



73718F



C3BFE0



5A5875



DFDBFD



43415C



FCF8FF



2C2B45



16162E



00001A



000000



8D8AA9



8D8AA9



7E79A9



9C9BA9

6E68A9

ACACA9

5F57A9

BBBDA9

5046A9

CACEA9

4135A9

D9DEA9

3125A9

E9EFA9

2214A9

F8FFA9

1303A9

FFFFA9

1000A9

# Harmonies

## Analogous

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



788FAC



8D8AA9



9F859F

# Triad

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



8D8AA9



A88674



6A968A

# Complementary

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



8D8AA9



A6A98A

# 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.



79947B



8D8AA9



9B8B6F

# Square

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



8D8AA9



AD8380



8B9071



63969A

# Rectangle

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



8D8AA9



A88395



8B9071



6E9685



# Sweetspot

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



8D8AA9



CFCEDB



8AA6A9



67666E



EDEDED



6E6E6E



# Same Dimension

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



8D8AA9



B0ABDB



9C8AA9



4D4C54



0E0094



020014



# Inverse Universe

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



A98AA6



DBABD7



97A98A



544C53



940086



140012



# Previews

## White Background



This preview shows how the Hex color 8D8AA9 looks on a white background.

## Color Contrast Check

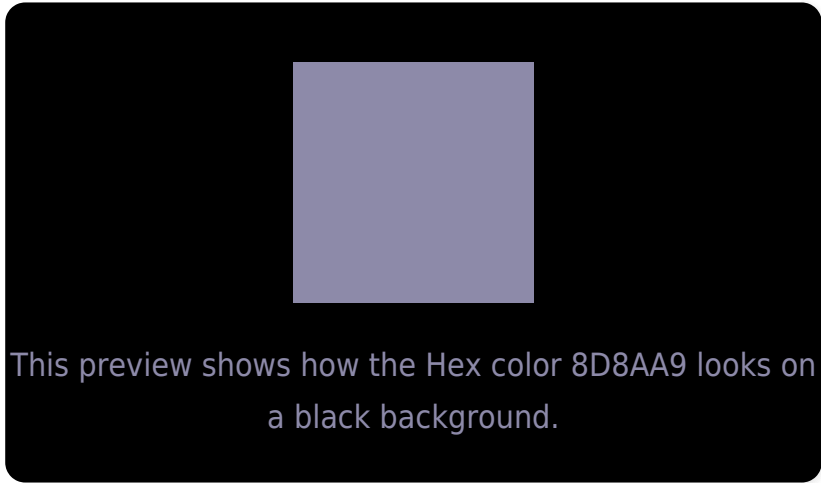
Large Text (above 18pt) WCAG AA ✓ Pass

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

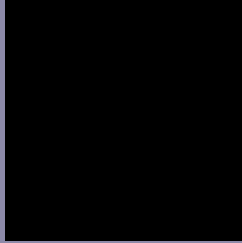
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8D8AA9 Background



This preview shows how black text looks on a background with the Hex color 8D8AA9.



This preview shows how white text looks on a background with the Hex color 8D8AA9.

# 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](#).

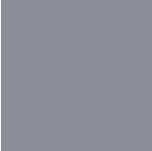
## Dichromacy



**Original Color**  
8D8AA9

**Protanopia**  
878CAA

**Deuteranopia**  
8D8AA9



**Tritanopia**  
8A8D98

# Trichromacy



**Original Color**  
8D8AA9

**Protanomaly**  
898BAA

**Deuteranomaly**  
8D8AA9

**Tritanomaly**  
8B8C9E

# Monochromacy



**Original Color**  
8D8AA9

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
8E8D98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D8AA9 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 #8D8AA9 looks like.

```
.text, #text, p{  
    color:#8D8AA9  
}
```

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 #8D8AA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D8AA9
}
```

## Border

The CSS property to change the border of an element to Hex 8D8AA9 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
#8D8AA9 }
```

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

```
.border{ border-color:#8D8AA9 }
```

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

Here you see how a box with a 4 pixel #8D8AA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D8AA9; -webkit-box-shadow:4px 4px  
4px 4px #8D8AA9; box-shadow:4px 4px 4px  
4px #8D8AA9 }
```

# Background

The CSS property to change the background color of an element to Hex 8D8AA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D8AA9 }
```

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

```
.background{ background-color:#8D8AA9 }
```

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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