

# Converting Colors

Hex(8D7AAA)

Have a look what the booklet for  
Hex(8D7AAA) contains.

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# Color

**Hex(8D7AAA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D7AAA
RGB	141, 122, 170
RGB Percent	55%, 48%, 67%
CMY	0.4471, 0.5216, 0.3333
CMYK	0.17, 0.28, 0.00, 0.33
HSL	264°, 22%, 57%
HSV	264°, 28%, 67%
XYZ	25.1997, 22.4841, 41.0419
YIQ	133.1530, -4.0840, 18.9560

# Conversions

## Conversions Part 2

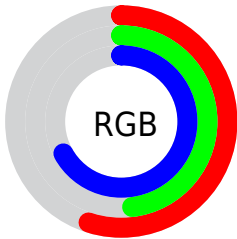
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 122, 170
Decimal	9271978
CIELab	54.54, 17.17, -22.86
CIELCh	55, 28.589, 306.916
Yxy	22.4841, 0.2840, 0.2534
Android (android.graphics.Color)	4287462058 (0xFF8D7AAA)
YUV	133.1530, 18.1656, 6.8818
Hunter-Lab	47.4174, 11.8826, -18.1260

# Details

The Hex color **8D7AAA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **97AA7A**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **C3AFE1**, and **5A4976** is the 20% darker color. If you saturate the color by 10%, you get **8369AA**, and if you desaturate by 10%, it is **978BAA**.

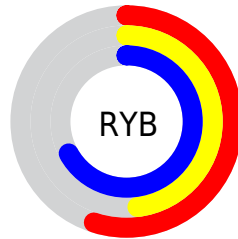
# Distribution



Red (55%)

Green (48%)

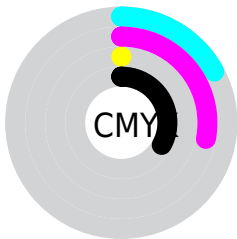
Blue (67%)



Red (55%)

Yellow (48%)

Blue (67%)

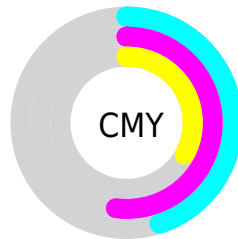


Cyan (17%)

Magenta (28%)

Yellow (0%)

Black (33%)



Cyan (45%)

Magenta (52%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D7AAA 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 8D7AAA by changing the saturation by 10% instead.





8D7AAA



8D7AAA

FFFFFF



73618F



C3AFE1



5A4976



DFCAFE



42325D



FCE6FF



2B1D45



16062F



000119



000000



8D7AAA



8D7AAA



8369AA



978BAA

7858AA

A29CAA

6E47AA

ACADAA

6436AA

B6BEAA

5A25AA

C0CFAA

4F14AA

CBE0AA

4503AA

D5F1AA

4300AA

DFFFAA

E9FFAA

# Harmonies

## Analogous

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



6983B3



8D7AAA



A67296

# Triad

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



8D7AAA



A37A56



379088

# Complementary

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



8D7AAA



97AA7A

# 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.



558E6E



8D7AAA



8E8351

# Square

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



8D7AAA



B17366



738A5A



278F9F

# Rectangle

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



8D7AAA



B07086



738A5A



41907F



# Sweetspot

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



8D7AAA



D3CCDE



7A98AA



696570



F0F0F0



707070



# Same Dimension

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



8D7AAA



B092DE



A47AAA



4F4C54



3B0094



080014



# Inverse Universe

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



AA7A97



DE92C0



80AA7A



544C51



940059

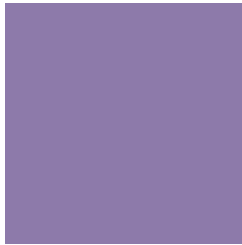


14000C



# Previews

## White Background



This preview shows how the Hex color 8D7AAA looks on a white background.

## Color Contrast Check

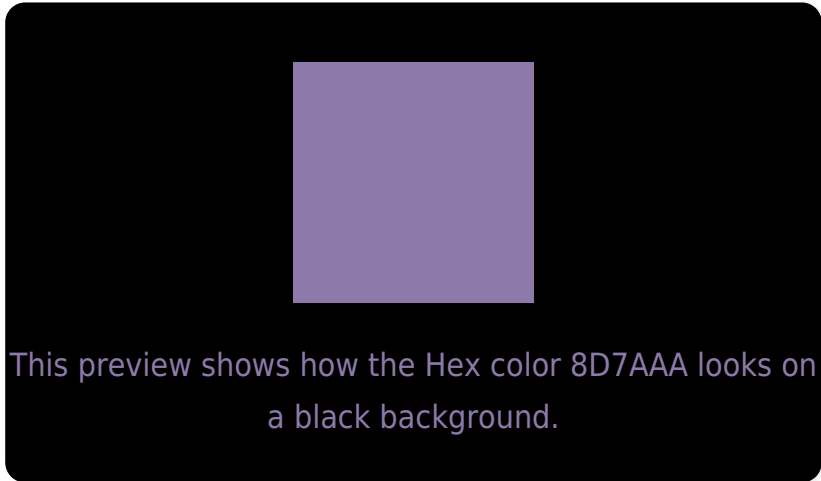
Large Text (above 18pt) WCAG AA ✓ Pass

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

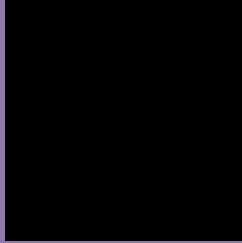
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8D7AAA Background



This preview shows how black text looks on a background with the Hex color 8D7AAA.



This preview shows how white text looks on a background with the Hex color 8D7AAA.

# 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**  
8D7AAA

**Protanopia**  
7581AF

**Deuteranopia**  
7B80A9



**Tritanopia**  
88808A

# Trichromacy



**Original Color**  
8D7AAA

**Protanomaly**  
7E7EAD

**Deuteranomaly**  
827EA9

**Tritanomaly**  
8A7E96

# Monochromacy



**Original Color**  
8D7AAA

**Achromatopsia**  
858585

**Achromatomaly**  
888192

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D7AAA 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 #8D7AAA looks like.

```
.text, #text, p{  
    color:#8D7AAA  
}
```

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 #8D7AAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D7AAA
}
```

## Border

The CSS property to change the border of an element to Hex 8D7AAA 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
#8D7AAA }
```

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

```
.border{ border-color:#8D7AAA }
```

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

Here you see how a box with a 4 pixel #8D7AAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D7AAA; -webkit-box-shadow:4px 4px  
4px 4px #8D7AAA; box-shadow:4px 4px 4px  
4px #8D7AAA }
```

# Background

The CSS property to change the background color of an element to Hex 8D7AAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D7AAA }
```

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

```
.background{ background-color:#8D7AAA }
```

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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