

Converting Colors

Hex(7F7DAA)

Have a look what the booklet for
Hex(7F7DAA) contains.

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Color

Hex(7F7DAA)

Conversions

Conversions Part 1

Format	Color
Hex	7F7DAA
RGB	127, 125, 170
RGB Percent	50%, 49%, 67%
CMY	0.5020, 0.5098, 0.3333
CMYK	0.25, 0.26, 0.00, 0.33
HSL	243°, 21%, 58%
HSV	243°, 26%, 67%
XYZ	23.3417, 22.0815, 41.0621
YIQ	130.7280, -13.2530, 14.4190

Conversions

Conversions Part 2

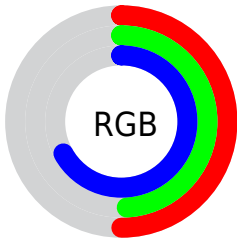
Format	Color
RYB	127, 125, 170
Decimal	8355242
CIELab	54.11, 10.90, -23.61
CIELCh	54, 26.006, 294.781
Yxy	22.0815, 0.2699, 0.2553
Android (android.graphics.Color)	4286545322 (0xFF7F7DAA)
YUV	130.7280, 19.3611, -3.2695
Hunter-Lab	46.9910, 6.4316, -18.9157

Details

The Hex color **7F7DAA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A8AA7D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B5B2E1**, and **4D4C76** is the 20% darker color. If you saturate the color by 10%, you get **6F6CAA**, and if you desaturate by 10%, it is **8F8EAA**.

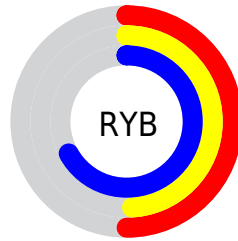
Distribution



Red (50%)

Green (49%)

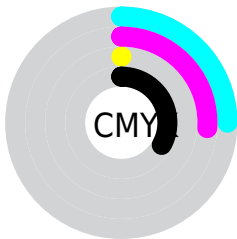
Blue (67%)



Red (50%)

Yellow (49%)

Blue (67%)

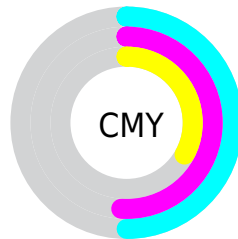


Cyan (25%)

Magenta (26%)

Yellow (0%)

Black (33%)



Cyan (50%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F7DAA 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 7F7DAA by changing the saturation by 10% instead.

7F7DAA

7F7DAA

FFFFFF

65648F

B5B2E1

4D4C76

D0CDFE

35365D

EDE9FF

1D2045

070A2F

000119

000000

7F7DAA

7F7DAA

6F6CAA

8F8EAA

5F5BAA

9F9FAA

4E4AAA

B0B0AA

3E39AA

C0C1AA

2E28AA

D0D2AA

1E17AA

E0E3AA

0D06AA

F1F4AA

0800AA

FFFFAA

Harmonies

Analogous

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



5D85AE



7F7DAA



9A759C

Triad

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



7F7DAA



A6775E



498D7D

Complementary

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



7F7DAA



A8AA7D

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.



648B67



7F7DAA



957F55

Square

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



7F7DAA



AE7270



7E8658



378D93

Rectangle

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



7F7DAA



A6728E



7E8658



528D75

Sweetspot

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



7F7DAA



CDDCDE



7DA8AA



656570



F0F0F0



707070

Same Dimension

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



7F7DAA



9A97DE



957DAA



4C4C54



070094



010014

Inverse Universe

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



AA7DA8



DE97DB



92AA7D



544C54



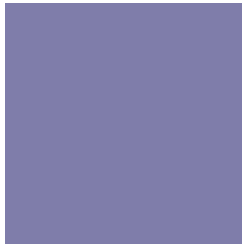
94008D



140013

Previews

White Background



This preview shows how the Hex color 7F7DAA looks on a white background.

Color Contrast Check

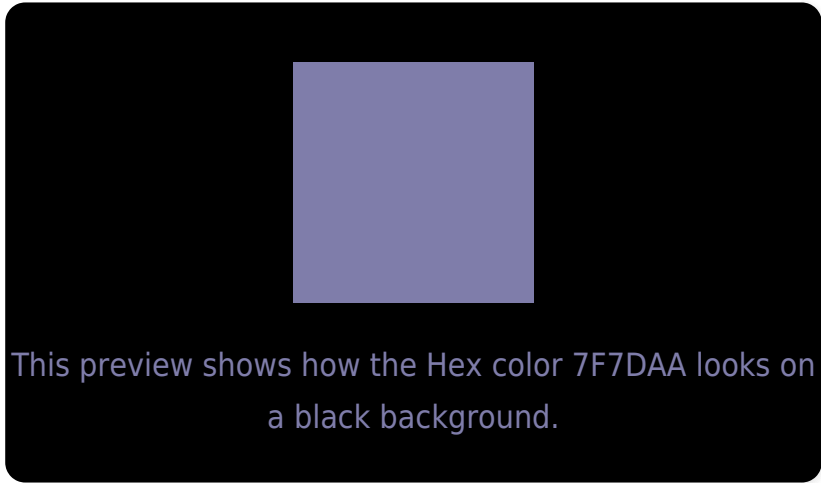
Large Text (above 18pt) WCAG AA ✓ Pass

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

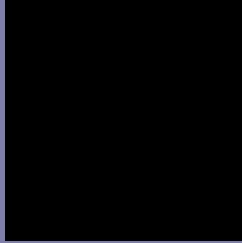
Any Text WCAG AA ✓ Pass

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 7F7DAA Background



This preview shows how black text looks on a background with the Hex color 7F7DAA.



This preview shows how white text looks on a background with the Hex color 7F7DAA.

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](#).

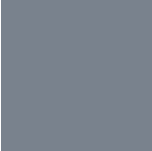
Dichromacy



Original Color
7F7DAA

Protanopia
7580AC

Deuteranopia
787FAA



Tritanopia
79828D

Trichromacy



Original Color
7F7DAA

Protanomaly
797FAB

Deuteranomaly
7B7EAA

Tritanomaly
7B8098

Monochromacy



Original Color
7F7DAA

Achromatopsia
838383

Achromatomaly
828191

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F7DAA 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 #7F7DAA looks like.

```
.text, #text, p{  
    color:#7F7DAA  
}
```

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 #7F7DAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7DAA
}
```

Border

The CSS property to change the border of an element to Hex 7F7DAA 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
#7F7DAA }
```

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

```
.border{ border-color:#7F7DAA }
```

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

Here you see how a box with a 4 pixel #7F7DAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7DAA; -webkit-box-shadow:4px 4px  
4px 4px #7F7DAA; box-shadow:4px 4px 4px  
4px #7F7DAA }
```

Background

The CSS property to change the background color of an element to Hex 7F7DAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7DAA }
```

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

```
.background{ background-color:#7F7DAA }
```

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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