

Converting Colors

Hex(7F7DAE)

Have a look what the booklet for
Hex(7F7DAE) contains.

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Color

Hex(7F7DAE)

Conversions

Conversions Part 1

Format	Color
Hex	7F7DAE
RGB	127, 125, 174
RGB Percent	50%, 49%, 68%
CMY	0.5020, 0.5098, 0.3176
CMYK	0.27, 0.28, 0.00, 0.32
HSL	242°, 23%, 59%
HSV	242°, 28%, 68%
XYZ	23.7260, 22.2352, 43.0857
YIQ	131.1840, -14.5370, 15.6630

Conversions

Conversions Part 2

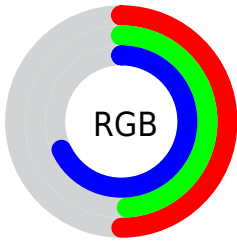
Format	Color
R_{YB}	127, 125, 174
Decimal	8355246
CIE _{Lab}	54.28, 11.91, -25.67
CIE _{LCh}	54, 28.296, 294.891
Yxy	22.2352, 0.2664, 0.2497
Android (android.graphics.Color)	4286545326 (0xFF7F7DAE)
YUV	131.1840, 21.1083, -3.6694
Hunter-Lab	47.1543, 7.2935, -21.1664

Details

The Hex color **7F7DAE** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **ACAE7D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B5B2E6**, and **4C4C79** is the 20% darker color. If you saturate the color by 10%, you get **6E6CAE**, and if you desaturate by 10%, it is **908EAE**.

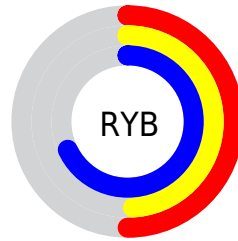
Distribution



Red (50%)

Green (49%)

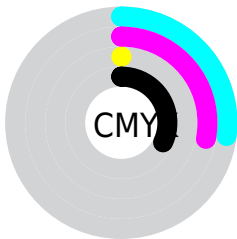
Blue (68%)



Red (50%)

Yellow (49%)

Blue (68%)

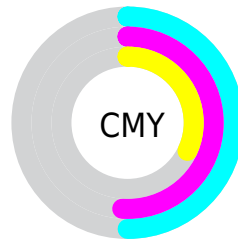


Cyan (27%)

Magenta (28%)

Yellow (0%)

Black (32%)



Cyan (50%)

Magenta (51%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F7DAE 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 7F7DAE by changing the saturation by 10% instead.

■ 7F7DAE

■ 7F7DAE

FFFFFF

■ 656493

■ B5B2E6

■ 4C4C79

■ D1CDFE

■ 343660

■ EDE9FF

■ 1C2048

■ 050A32

■ 00021C

■ 000000

■ 7F7DAE

■ 7F7DAE

■ 6E6CAE

■ 908EAE

5E5AAE

A0A0AE

4D49AE

B1B1AE

3C37AE

C2C3AE

2C26AE

D2D4AE

1B15AE

E3E5AE

0A03AE

F4F7AE

0700AE

FFFFAE

Harmonies

Analogous

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



5985B2



7F7DAE



9D759E

Triad

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



7F7DAE



A9775B



438F7D

Complementary

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



7F7DAE



ACAE7D

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.



618C65



7F7DAE



967F51

Square

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



7F7DAE



B2706E



7D8755



2A8F95

Rectangle

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



7F7DAE



AA718F



7D8755



4D8E74

Sweetspot

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



7F7DAE



D2D1E3



7DACAE



686773



F2F2F2



737373

Same Dimension

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



7F7DAE



9996E3



977DAE



4E4E57



060096



010017

Inverse Universe

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



AE7DAC



E396E0



94AE7D



574E56



960090



170016

Previews

White Background



This preview shows how the Hex color 7F7DAE looks on a white background.

Color Contrast Check

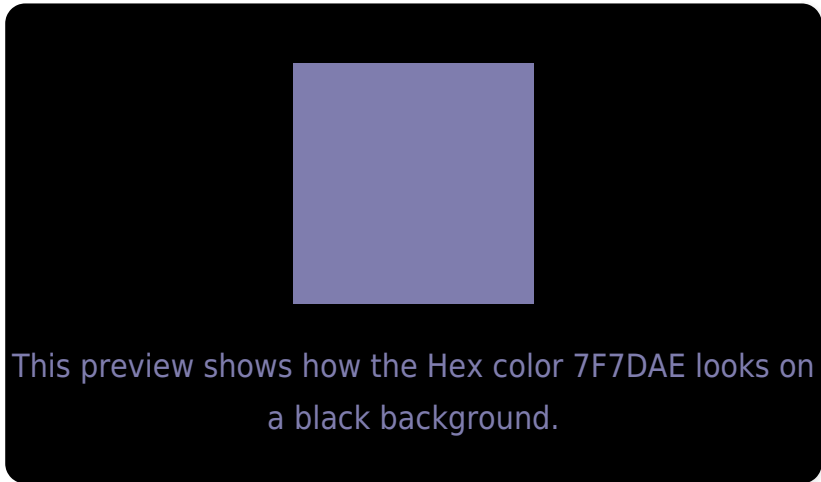
Large Text (above 18pt) WCAG AA ✓ Pass

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

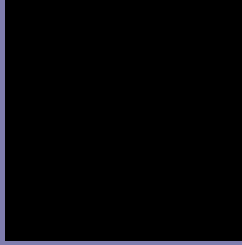
Any Text WCAG AA ✓ Pass

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 7F7DAE Background



This preview shows how black text looks on a background with the Hex color 7F7DAE.



This preview shows how white text looks on a background with the Hex color 7F7DAE.

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
7F7DAE

Protanopia
7480B0

Deuteranopia
7680AD



Tritanopia
79838E

Trichromacy



Original Color
7F7DAE

Protanomaly
787FAF

Deuteranomaly
797FAD

Tritanomaly
7B819A

Monochromacy



Original Color
7F7DAE

Achromatopsia
838383

Achromatomaly
828193

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F7DAE 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 #7F7DAE looks like.

```
.text, #text, p{  
    color:#7F7DAE  
}
```

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 #7F7DAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7DAE
}
```

Border

The CSS property to change the border of an element to Hex 7F7DAE 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
#7F7DAE }
```

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

```
.border{ border-color:#7F7DAE }
```

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

Here you see how a box with a 4 pixel #7F7DAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7DAE; -webkit-box-shadow:4px 4px  
4px 4px #7F7DAE; box-shadow:4px 4px 4px  
4px #7F7DAE }
```

Background

The CSS property to change the background color of an element to Hex 7F7DAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7DAE }
```

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

```
.background{ background-color:#7F7DAE }
```

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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