

Converting Colors

Hex(7F7DB2)

Have a look what the booklet for
Hex(7F7DB2) contains.

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Color

Hex(7F7DB2)

Conversions

Conversions Part 1

Format	Color
Hex	7F7DB2
RGB	127, 125, 178
RGB Percent	50%, 49%, 70%
CMY	0.5020, 0.5098, 0.3020
CMYK	0.29, 0.30, 0.00, 0.30
HSL	242°, 26%, 59%
HSV	242°, 30%, 70%
XYZ	24.1219, 22.3936, 45.1705
YIQ	131.6400, -15.8210, 16.9070

Conversions

Conversions Part 2

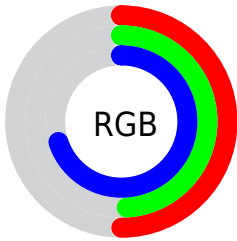
Format	Color
R _Y B	127, 125, 178
Decimal	8355250
CIE Lab	54.44, 12.93, -27.71
CIE LCh	54, 30.581, 295.020
Yxy	22.3936, 0.2631, 0.2442
Android (android.graphics.Color)	4286545330 (0xFF7F7DB2)
YUV	131.6400, 22.8555, -4.0693
Hunter-Lab	47.3219, 8.1754, -23.4692

Details

The Hex color **7F7DB2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B0B27D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B5B2EA**, and **4C4C7D** is the 20% darker color. If you saturate the color by 10%, you get **6E6BB2**, and if you desaturate by 10%, it is **908FB2**.

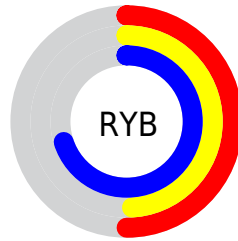
Distribution



Red (50%)

Green (49%)

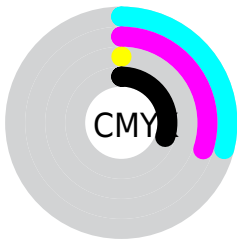
Blue (70%)



Red (50%)

Yellow (49%)

Blue (70%)

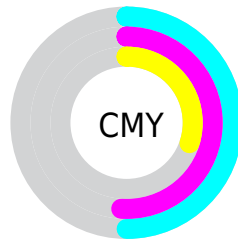


Cyan (29%)

Magenta (30%)

Yellow (0%)

Black (30%)



Cyan (50%)

Magenta (51%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F7DB2 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 7F7DB2 by changing the saturation by 10% instead.

■ 7F7DB2

■ 7F7DB2

FFFFFF

■ 656497

■ B5B2EA

■ 4C4C7D

■ D1CDFF

■ 343664

■ EDE9FF

■ 1B204C

■ 030A35

■ 00021F

■ 000002

■ 000000

■ 7F7DB2

■ 7F7DB2

6E6BB2

908FB2

5D59B2

A1A1B2

4C48B2

B2B2B2

3A36B2

C4C4B2

2924B2

D5D6B2

1812B2

E6E8B2

0700B2

F7FAB2

FFFFB2

Harmonies

Analogous

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



5486B6



7F7DB2



9F74A1

Triad

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



7F7DB2



AC7658



3B907D

Complementary

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



7F7DB2



B0B27D

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.



5E8D63



7F7DB2



987F4D

Square

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



7F7DB2



B66F6D



7D8751



179098

Rectangle

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



7F7DB2



AD6F91



7D8751



478F74

Sweetspot

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



7F7DB2



D4D3E8



7DB0B2



696875



F5F5F5



757575

Same Dimension

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



7F7DB2



9895E8



997DB2



515059



060099



01001A

Inverse Universe

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



B27DB0



E895E5



96B27D



595059



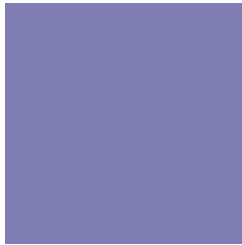
990093



1A0019

Previews

White Background



This preview shows how the Hex color 7F7DB2 looks on a white background.

Color Contrast Check

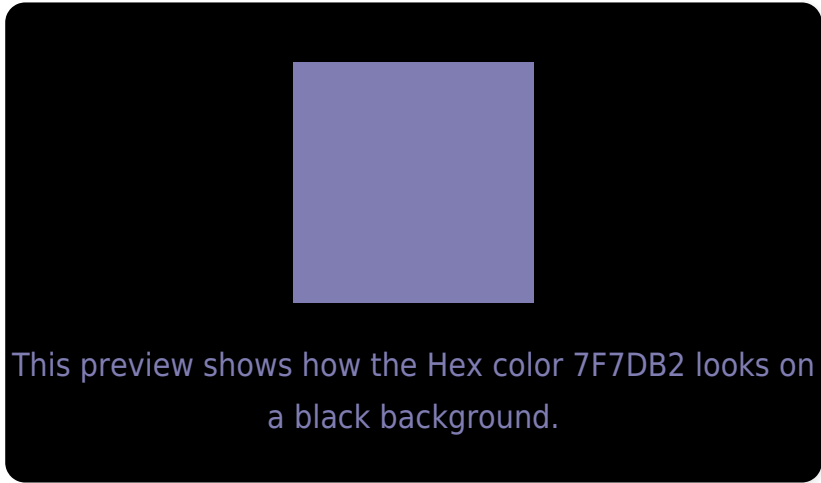
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F7DB2 Background



This preview shows how black text looks on a background with the Hex color 7F7DB2.



This preview shows how white text looks on a background with the Hex color 7F7DB2.

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
7F7DB2

Protanopia
7280B5

Deuteranopia
7480B1



Tritanopia
78848E

Trichromacy



Original Color
7F7DB2

Protanomaly
777FB4

Deuteranomaly
787FB1

Tritanomaly
7B819B

Monochromacy



Original Color
7F7DB2

Achromatopsia
848484

Achromatomaly
828195

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F7DB2 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 #7F7DB2 looks like.

```
.text, #text, p{  
    color:#7F7DB2  
}
```

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 #7F7DB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7DB2
}
```

Border

The CSS property to change the border of an element to Hex 7F7DB2 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".

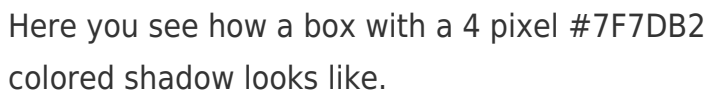
```
.border, #border, table{ border:4px solid
#7F7DB2 }
```

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

```
.border{ border-color:#7F7DB2 }
```

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

Here you see how a box with a 4 pixel #7F7DB2 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7DB2; -webkit-box-shadow:4px 4px  
4px 4px #7F7DB2; box-shadow:4px 4px 4px  
4px #7F7DB2 }
```

Background

The CSS property to change the background color of an element to Hex 7F7DB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7DB2 }
```

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

```
.background{ background-color:#7F7DB2 }
```

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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