

Converting Colors

Hex(7C7DB7)

Have a look what the booklet for
Hex(7C7DB7) contains.

Hex(7C7DB7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7C7DB7)

Conversions

Conversions Part 1

Format	Color
Hex	7C7DB7
RGB	124, 125, 183
RGB Percent	49%, 49%, 72%
CMY	0.5137, 0.5098, 0.2824
CMYK	0.32, 0.32, 0.00, 0.28
HSL	239°, 29%, 60%
HSV	239°, 32%, 72%
XYZ	24.1930, 22.3712, 47.8427
YIQ	131.3130, -19.2140, 17.8260

Conversions

Conversions Part 2

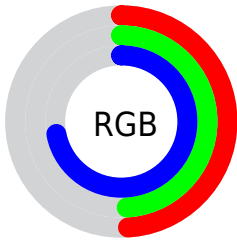
Format	Color
RYB	124, 125, 183
Decimal	8158647
CIELab	54.42, 13.35, -30.64
CIELCh	54, 33.418, 293.538
Yxy	22.3712, 0.2563, 0.2370
Android (android.graphics.Color)	4286348727 (0xFF7C7DB7)
YUV	131.3130, 25.4817, -6.4135
Hunter-Lab	47.2982, 8.5309, -26.8638

Details

The Hex color **7C7DB7** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B7B67C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B2B2EF**, and **494C82** is the 20% darker color. If you saturate the color by 10%, you get **6A6BB7**, and if you desaturate by 10%, it is **8E8FB7**.

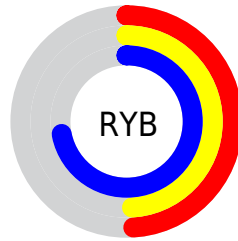
Distribution



Red (49%)

Green (49%)

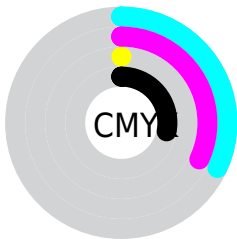
Blue (72%)



Red (49%)

Yellow (49%)

Blue (72%)

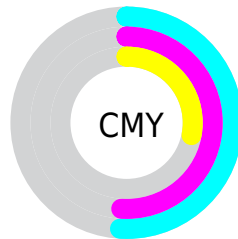


Cyan (32%)

Magenta (32%)

Yellow (0%)

Black (28%)



Cyan (51%)

Magenta (51%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C7DB7 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 7C7DB7 by changing the saturation by 10% instead.

■ 7C7DB7

■ 7C7DB7

FFFFFF

■ 62649C

■ B2B2EF

■ 494C82

■ CEDDFE

■ 303668

■ EBE9FF

■ 152150

■ 000A39

■ 000223

■ 000009

■ 000000

■ 7C7DB7

■ 7C7DB7

6A6BB7

8E8FB7

5759B7

A1A1B7

4547B7

B3B3B7

3335B7

C5C5B7

2123B7

D8D7B7

0E11B7

EAE9B7

0003B7

FCFBB7

FFFFB7

Harmonies

Analogous

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



4A87BB



7C7DB7



A072A5

Triad

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



7C7DB7



B07455



32917B

Complementary

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



7C7DB7



B7B67C

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.



5C8E5F



7C7DB7



9A7E48

Square

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



7C7DB7



BA6D6D



7E874C



009198

Rectangle

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



7C7DB7



B06D93



7E874C



429071

Sweetspot

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



7C7DB7



D5D6ED



7CB7B5



696A78



F7F7F7



787878

Same Dimension

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



7C7DB7



9192ED



987CB7



53535C



00039C



00001C

Inverse Universe

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



B77C7D



ED9192



9BB77C



5C5353



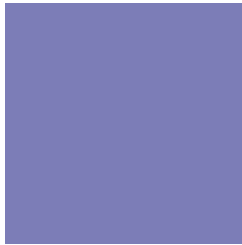
9C0003



1C0000

Previews

White Background



This preview shows how the Hex color 7C7DB7 looks on a white background.

Color Contrast Check

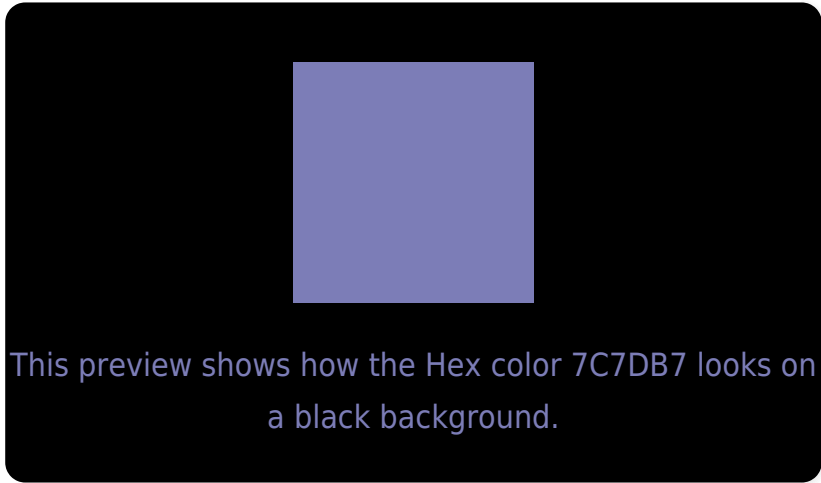
Large Text (above 18pt) WCAG AA ✓ Pass

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

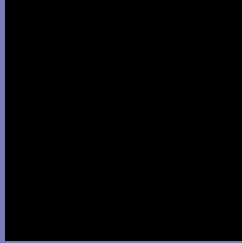
Any Text WCAG AA ✓ Pass

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 7C7DB7 Background



This preview shows how black text looks on a background with the Hex color 7C7DB7.



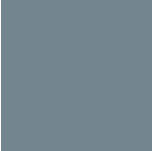
This preview shows how white text looks on a background with the Hex color 7C7DB7.

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](#).

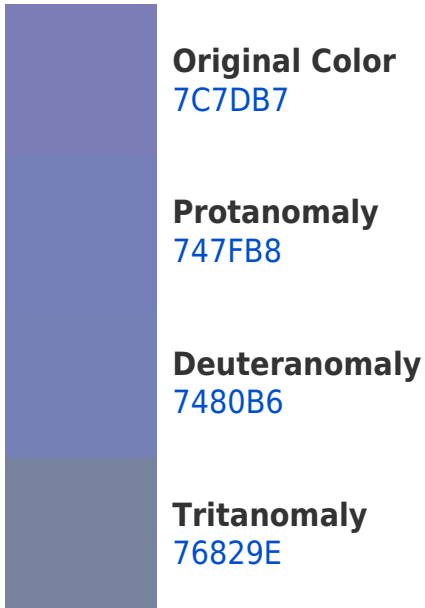
Dichromacy



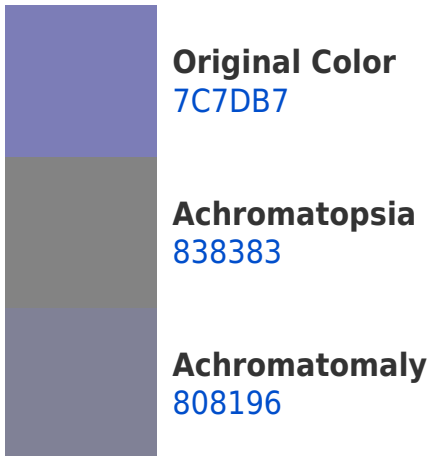


Tritanopia
73858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C7DB7 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 #7C7DB7 looks like.

```
.text, #text, p{  
    color:#7C7DB7  
}
```

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 #7C7DB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C7DB7
}
```

Border

The CSS property to change the border of an element to Hex 7C7DB7 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
#7C7DB7 }
```

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

```
.border{ border-color:#7C7DB7 }
```

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

Here you see how a box with a 4 pixel #7C7DB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C7DB7; -webkit-box-shadow:4px 4px  
4px 4px #7C7DB7; box-shadow:4px 4px 4px  
4px #7C7DB7 }
```

Background

The CSS property to change the background color of an element to Hex 7C7DB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C7DB7 }
```

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

```
.background{ background-color:#7C7DB7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor