

Converting Colors

Hex(7C80C4)

Have a look what the booklet for
Hex(7C80C4) contains.

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Color

Hex(7C80C4)

Conversions

Conversions Part 1

Format	Color
Hex	7C80C4
RGB	124, 128, 196
RGB Percent	49%, 50%, 77%
CMY	0.5137, 0.4980, 0.2314
CMYK	0.37, 0.35, 0.00, 0.23
HSL	237°, 38%, 63%
HSV	237°, 37%, 77%
XYZ	25.9952, 23.7090, 55.4307
YIQ	134.5560, -24.2120, 20.3000

Conversions

Conversions Part 2

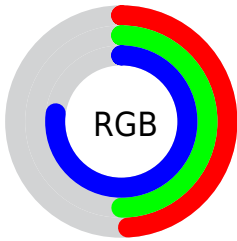
Format	Color
RYB	124, 128, 196
Decimal	8159428
CIELab	55.80, 15.09, -35.91
CIELCh	56, 38.954, 292.796
Yxy	23.7090, 0.2473, 0.2255
Android (android.graphics.Color)	4286349508 (0xFF7C80C4)
YUV	134.5560, 30.2919, -9.2576
Hunter-Lab	48.6918, 10.0852, -33.4114

Details

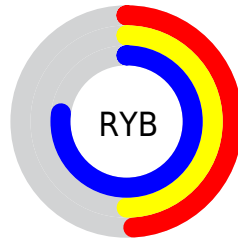
The Hex color **7C80C4** is a light color, and the websafe version is hex **666699**. A complement of this color would be **C4C07C**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B3B5FD**, and **474F8E** is the 20% darker color. If you saturate the color by 10%, you get **686DC4**, and if you desaturate by 10%, it is **9093C4**.

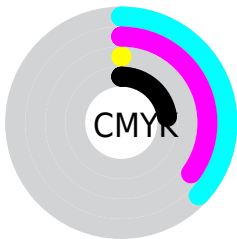
Distribution



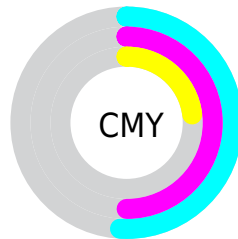
- Red (49%)
- Green (50%)
- Blue (77%)



- Red (49%)
- Yellow (50%)
- Blue (77%)



- Cyan (37%)
- Magenta (35%)
- Yellow (0%)
- Black (23%)



- Cyan (51%)
- Magenta (50%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C80C4 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 7C80C4 by changing the saturation by 10% instead.

■ 7C80C4

■ 7C80C4

FFFFFF

■ 6167A9

■ B3B5FD

■ 474F8E

■ CFD0FF

■ 2D3874

■ ECECFE

■ 0E235B

■ 000F43

■ 00032C

■ 000117

■ 000000

■ 7C80C4

■ 7C80C4

686DC4

9093C4

555BC4

A3A5C4

4148C4

B7B8C4

2E36C4

CACAC4

1A23C4

DEDDC4

0611C4

F2EFC4

000BC4

FFFFC4

Harmonies

Analogous

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



398CC8



7C80C4



A873AF

Triad

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



7C80C4



BA7551



1B977C

Complementary

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



7C80C4



C4C07C

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.



59935B



7C80C4



A28141

Square

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



7C80C4



C66B6D



818C45



00979F

Rectangle

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



7C80C4



BB6D9B



818C45



369671

Sweetspot

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



7C80C4



E3E5FF



7CC4BF



6F7080



000000



808080

Same Dimension

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



7C80C4



8F95FF



9B7CC4



575861



0009A1



000221

Inverse Universe

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



C47C80



FF8F95



A5C47C



615758



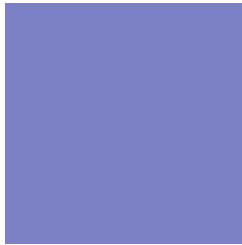
A10009



210002

Previews

White Background



This preview shows how the Hex color 7C80C4 looks on a white background.

Color Contrast Check

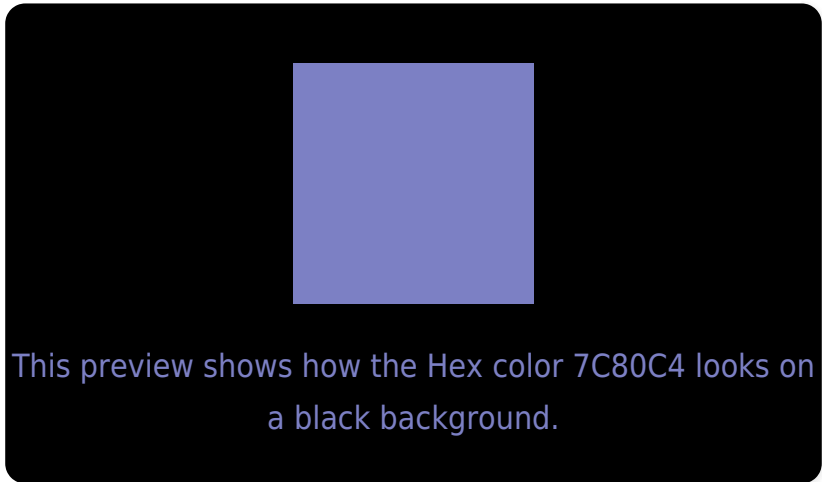
Large Text (above 18pt) WCAG AA ✓ Pass

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

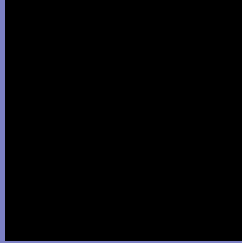
Any Text WCAG AA ✓ Pass

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 7C80C4 Background



This preview shows how black text looks on a background with the Hex color 7C80C4.




This preview shows how white text looks on a background with the Hex color 7C80C4.

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](#).

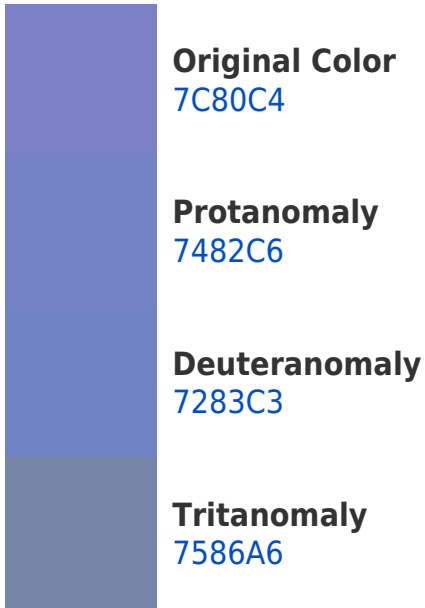
Dichromacy





Tritanopia
718A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C80C4 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 #7C80C4 looks like.

```
.text, #text, p{  
    color:#7C80C4  
}
```

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 #7C80C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C80C4
}
```

Border

The CSS property to change the border of an element to Hex 7C80C4 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
#7C80C4 }
```

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

```
.border{ border-color:#7C80C4 }
```

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

Here you see how a box with a 4 pixel #7C80C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C80C4; -webkit-box-shadow:4px 4px  
4px 4px #7C80C4; box-shadow:4px 4px 4px  
4px #7C80C4 }
```

Background

The CSS property to change the background color of an element to Hex 7C80C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C80C4 }
```

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

```
.background{ background-color:#7C80C4 }
```

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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