

Converting Colors

Hex(7D81C3)

Have a look what the booklet for
Hex(7D81C3) contains.

Hex(7D81C3)	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(7D81C3)

Conversions

Conversions Part 1

Format	Color
Hex	7D81C3
RGB	125, 129, 195
RGB Percent	49%, 51%, 76%
CMY	0.5098, 0.4941, 0.2353
CMYK	0.36, 0.34, 0.00, 0.24
HSL	237°, 37%, 63%
HSV	237°, 36%, 76%
XYZ	26.1580, 24.0006, 54.8837
YIQ	135.3280, -23.5700, 19.6780

Conversions

Conversions Part 2

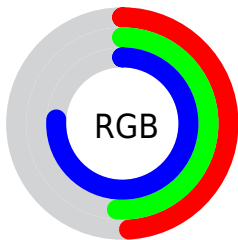
Format	Color
RYB	125, 129, 195
Decimal	8225219
CIELab	56.09, 14.51, -34.88
CIELCh	56, 37.774, 292.582
Yxy	24.0006, 0.2490, 0.2285
Android (android.graphics.Color)	4286415299 (0xFF7D81C3)
YUV	135.3280, 29.4183, -9.0577
Hunter-Lab	48.9904, 9.5753, -32.1289

Details

The Hex color **7D81C3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C3BF7D**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **B4B6FC**, and **49508D** is the 20% darker color. If you saturate the color by 10%, you get **6A6FC3**, and if you desaturate by 10%, it is **9193C3**.

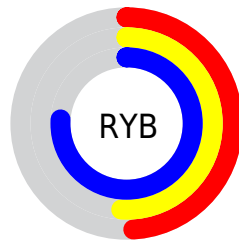
Distribution



Red (49%)

Green (51%)

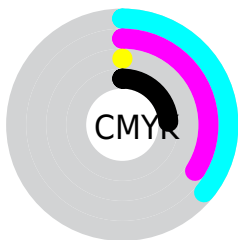
Blue (76%)



Red (49%)

Yellow (51%)

Blue (76%)

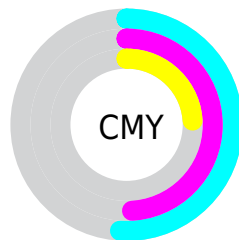


Cyan (36%)

Magenta (34%)

Yellow (0%)

Black (24%)



Cyan (51%)

Magenta (49%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D81C3 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 7D81C3 by changing the saturation by 10% instead.

■ 7D81C3

■ 7D81C3

FFFFFF

■ 6368A8

■ B4B6FC

■ 49508D

■ D0D1FF

■ 2E3973

■ EDEEFF

■ 11245A

■ 001042

■ 00032C

■ 000116

■ 000000

■ 7D81C3

■ 7D81C3

■ 6A6FC3

■ 9193C3

■ 565CC3

■ A4A6C3

■ 434AC3

■ B7B8C3

■ 2F37C3

■ CBCBC3

■ 1B25C3

■ DEDDC3

■ 0813C3

■ F2EFC3

■ 000BC3

■ FFFFC3

Harmonies

Analogous

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



3E8CC7



7D81C3



A875AF

Triad

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



7D81C3



BA7653



25977D

Complementary

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



7D81C3



C3BF7D

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.



5B935D



7D81C3



A28244

Square

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



7D81C3



C56D6F



828C48



00979F

Rectangle

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



7D81C3



BA6E9B



828C48



3B9672

Sweetspot

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



7D81C3



E1E2FC



7DC3BE



6F7080



000000



808080

Same Dimension

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



7D81C3



9096FC



9B7DC3



575861



0009A1



000221

Inverse Universe

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



C37D81



FC9096



A5C37D



615758



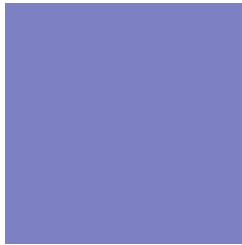
A10009



210002

Previews

White Background



This preview shows how the Hex color 7D81C3 looks on a white background.

Color Contrast Check

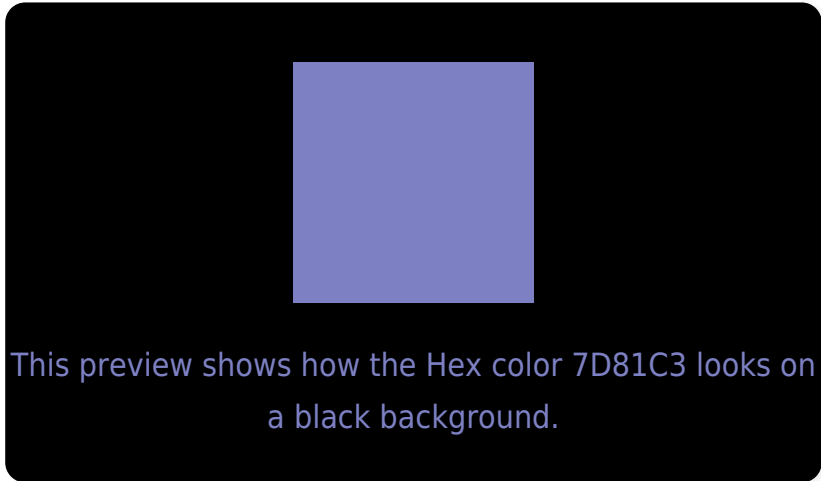
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D81C3 Background



This preview shows how black text looks on a background with the Hex color 7D81C3.

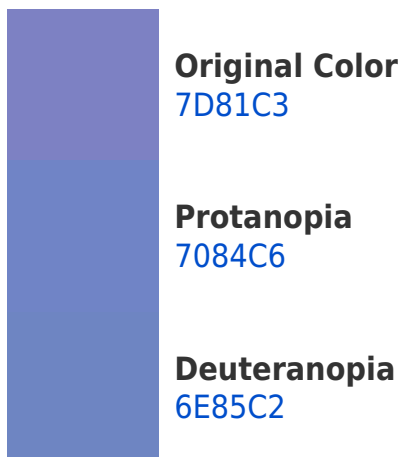



This preview shows how white text looks on a background with the Hex color 7D81C3.

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
738A95

Trichromacy



Original Color
7D81C3

Protanomaly
7583C5

Deuteranomaly
7384C2

Tritanomaly
7787A6

Monochromacy



Original Color
7D81C3

Achromatopsia
878787

Achromatomaly
83859D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D81C3 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 #7D81C3 looks like.

```
.text, #text, p{  
    color:#7D81C3  
}
```

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 #7D81C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D81C3
}
```

Border

The CSS property to change the border of an element to Hex 7D81C3 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
#7D81C3 }
```

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

```
.border{ border-color:#7D81C3 }
```

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

Here you see how a box with a 4 pixel #7D81C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D81C3; -webkit-box-shadow:4px 4px  
4px 4px #7D81C3; box-shadow:4px 4px 4px  
4px #7D81C3 }
```

Background

The CSS property to change the background color of an element to Hex 7D81C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D81C3 }
```

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

```
.background{ background-color:#7D81C3 }
```

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