

Converting Colors

Hex(7C81B8)

Have a look what the booklet for
Hex(7C81B8) contains.

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Color

Hex(7C81B8)

Conversions

Conversions Part 1

Format	Color
Hex	7C81B8
RGB	124, 129, 184
RGB Percent	49%, 51%, 72%
CMY	0.5137, 0.4941, 0.2784
CMYK	0.33, 0.30, 0.00, 0.28
HSL	235°, 30%, 60%
HSV	235°, 33%, 72%
XYZ	24.8142, 23.4463, 48.5651
YIQ	133.7750, -20.6350, 16.0450

Conversions

Conversions Part 2

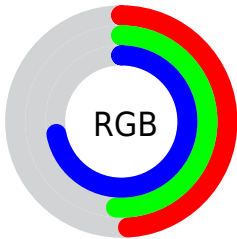
Format	Color
RYB	124, 129, 184
Decimal	8159672
CIELab	55.53, 11.25, -29.48
CIElCh	56, 31.557, 290.882
Yxy	23.4463, 0.2563, 0.2421
Android (android.graphics.Color)	4286349752 (0xFF7C81B8)
YUV	133.7750, 24.7609, -8.5727
Hunter-Lab	48.4214, 6.7373, -25.5711

Details

The Hex color **7C81B8** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **B8B37C**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B2B6F0**, and **495083** is the 20% darker color. If you saturate the color by 10%, you get **6A70B8**, and if you desaturate by 10%, it is **8E92B8**.

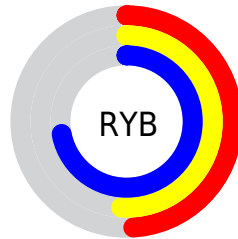
Distribution



Red (49%)

Green (51%)

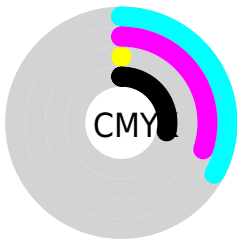
Blue (72%)



Red (49%)

Yellow (51%)

Blue (72%)

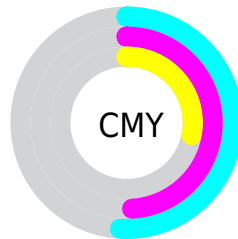


Cyan (33%)

Magenta (30%)

Yellow (0%)

Black (28%)



Cyan (51%)

Magenta (49%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C81B8 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 7C81B8 by changing the saturation by 10% instead.

■ 7C81B8

■ 7C81B8

FFFFFF

■ 62689D

■ B2B6F0

■ 495083

■ CED1FF

■ 303969

■ EBEEFF

■ 152451

■ 000F3A

■ 000224

■ 00000B

■ 000000

■ 7C81B8

■ 7C81B8

 6A70B8

 8E92B8

 575FB8

 A1A3B8

 454EB8

 B3B4B8

 323EB8

 C6C4B8

 202DB8

 D8D5B8

 0E1CB8

 EAE6B8

 000FB8

 FDF7B8

 FFFFB8

Harmonies

Analogous

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



4E8ABB



7C81B8



9F77A8

Triad

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



7C81B8



B2775C



40937B

Complementary

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



7C81B8



B8B37C

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.



649062



7C81B8



9F804F

Square

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



7C81B8



BA7173



848951



179398

Rectangle

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



7C81B8



AF7298



848951



4D9272

Sweetspot

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



7C81B8



D8DAF0



7CB8B3



696B78



F7F7F7



787878

Same Dimension

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



7C81B8



929AF0



957CB8



53535C



000D9C



00021C

Inverse Universe

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



B87C81



F0929A



9FB87C



5C5353



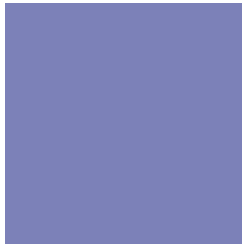
9C000D



1C0002

Previews

White Background



This preview shows how the Hex color 7C81B8 looks on a white background.

Color Contrast Check

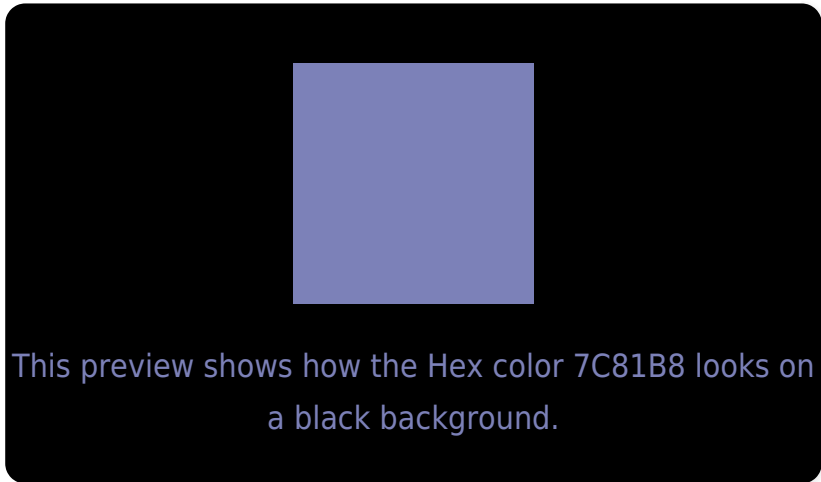
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C81B8 Background



This preview shows how black text looks on a background with the Hex color 7C81B8.



This preview shows how white text looks on a background with the Hex color 7C81B8.

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
7C81B8

Protanopia
7483BA

Deuteranopia
7483B8



Tritanopia
748893

Trichromacy



Original Color
7C81B8

Protanomaly
7782B9

Deuteranomaly
7782B8

Tritanomaly
7785A0

Monochromacy



Original Color
7C81B8

Achromatopsia
868686

Achromatomaly
828498

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C81B8 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 #7C81B8 looks like.

```
.text, #text, p{  
    color:#7C81B8  
}
```

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 #7C81B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C81B8  
}
```

Border

The CSS property to change the border of an element to Hex 7C81B8 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  
#7C81B8 }
```

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

```
.border{ border-color:#7C81B8 }
```

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

Here you see how a box with a 4 pixel #7C81B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C81B8; -webkit-box-shadow:4px 4px  
4px 4px #7C81B8; box-shadow:4px 4px 4px  
4px #7C81B8 }
```

Background

The CSS property to change the background color of an element to Hex 7C81B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C81B8 }
```

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

```
.background{ background-color:#7C81B8 }
```

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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