

# Converting Colors

Hex(7C82B6)

Have a look what the booklet for  
Hex(7C82B6) contains.

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# Color

**Hex(7C82B6)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 7C82B6                      |
| RGB         | 124, 130, 182               |
| RGB Percent | 49%, 51%, 71%               |
| CMY         | 0.5137, 0.4902, 0.2863      |
| CMYK        | 0.32, 0.29, 0.00, 0.29      |
| HSL         | 234°, 28%, 60%              |
| HSV         | 234°, 32%, 71%              |
| XYZ         | 24.7383, 23.6277, 47.5127   |
| YIQ         | 134.1340, -20.2680, 14.9000 |

# Conversions

## Conversions Part 2

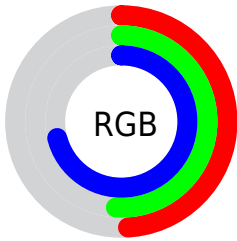
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 124, 129, 182                 |
| Decimal                             | 8159926                       |
| CIE Lab                             | 55.71, 10.13, -28.05          |
| CIE LCh                             | 56, 29.827, 289.852           |
| Yxy                                 | 23.6277, 0.2580,<br>0.2464    |
| Android<br>(android.graphics.Color) | 4286350006<br>(0xFF7C82B6)    |
| YUV                                 | 134.1340, 23.5979,<br>-8.8875 |
| Hunter-Lab                          | 48.6084, 5.7795,<br>-23.9277  |

# Details

The Hex color **7C82B6** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **B6B07C**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B2B7EE**, and **495181** is the 20% darker color. If you saturate the color by 10%, you get **6A72B6**, and if you desaturate by 10%, it is **8E92B6**.

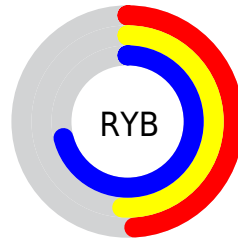
# Distribution



Red (49%)

Green (51%)

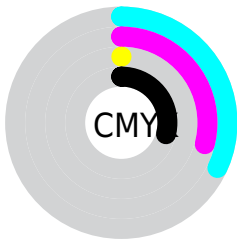
Blue (71%)



Red (49%)

Yellow (51%)

Blue (71%)

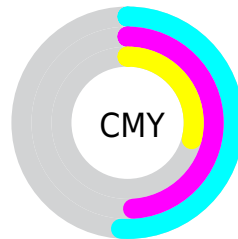


Cyan (32%)

Magenta (29%)

Yellow (0%)

Black (29%)



Cyan (51%)

Magenta (49%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C82B6 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 7C82B6 by changing the saturation by 10% instead.



■ 7C82B6

■ 7C82B6

FFFFFF

■ 62699B

■ B2B7EE

■ 495181

■ CED2FF

■ 303A68

■ EAEFFF

■ 16254F

■ 001038

■ 000222

■ 000008

■ 000000

■ 7C82B6

■ 7C82B6

6A72B6

8E92B6

5861B6

A0A3B6

4551B6

B3B3B6

3341B6

C5C3B6

2130B6

D7D4B6

0F20B6

E9E4B6

0013B6

FBF4B6

FFFFB6

# Harmonies

## Analogous

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



528BB8



7C82B6



9E79A7

# Triad

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



7C82B6



B1785F



47937B

# Complementary

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



7C82B6



B6B07C

# 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.



688F63



7C82B6



9F8153

# Square

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



7C82B6



B87275



858954



289396

# Rectangle

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



7C82B6



AD7498



858954



529273



# Sweetspot

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



7C82B6



D5D8ED



7CB6AF



696B78



F7F7F7



787878



# Same Dimension

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



7C82B6



939CED



927CB6



53545C



00109C



00031C



# Inverse Universe

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



B67C82



ED939C



A0B67C



5C5354



9C0010

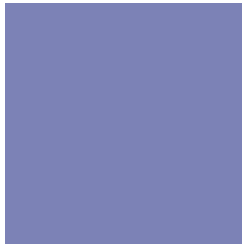


1C0003



# Previews

## White Background



This preview shows how the Hex color 7C82B6 looks on a white background.

## Color Contrast Check

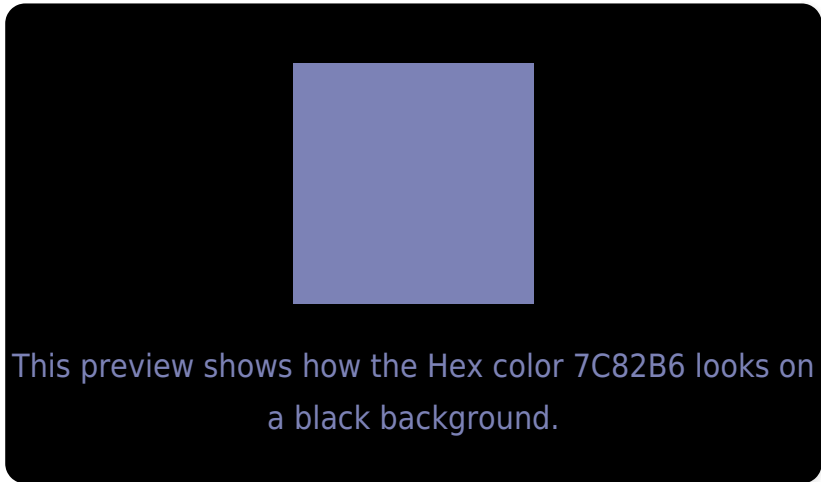
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C82B6 Background



This preview shows how black text looks on a background with the Hex color 7C82B6.



This preview shows how white text looks on a background with the Hex color 7C82B6.

# 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**  
7C82B6

**Protanopia**  
7684B7

**Deuteranopia**  
7784B6



**Tritanopia**  
758993

# Trichromacy



**Original Color**  
7C82B6

**Protanomaly**  
7883B7

**Deuteranomaly**  
7983B6

**Tritanomaly**  
7886A0

# Monochromacy



**Original Color**  
7C82B6

**Achromatopsia**  
868686

**Achromatomaly**  
828597

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C82B6 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 #7C82B6 looks like.

```
.text, #text, p{  
    color:#7C82B6  
}
```

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 #7C82B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C82B6
}
```

## Border

The CSS property to change the border of an element to Hex 7C82B6 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
#7C82B6 }
```

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

```
.border{ border-color:#7C82B6 }
```

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

Here you see how a box with a 4 pixel #7C82B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C82B6; -webkit-box-shadow:4px 4px  
4px 4px #7C82B6; box-shadow:4px 4px 4px  
4px #7C82B6 }
```

# Background

The CSS property to change the background color of an element to Hex 7C82B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C82B6 }
```

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

```
.background{ background-color:#7C82B6 }
```

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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