

# Converting Colors

Hex(7C85B9)

Have a look what the booklet for  
Hex(7C85B9) contains.

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# Color

Hex(7C85B9)

# Conversions

## Conversions Part 1

Format	Color
Hex	7C85B9
RGB	124, 133, 185
RGB Percent	49%, 52%, 73%
CMY	0.5137, 0.4784, 0.2745
CMYK	0.33, 0.28, 0.00, 0.27
HSL	231°, 30%, 61%
HSV	231°, 33%, 73%
XYZ	25.4567, 24.5629, 49.2983
YIQ	136.2370, -22.0560, 14.2640

# Conversions

## Conversions Part 2

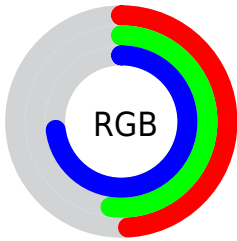
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 132, 185
Decimal	8160697
CIELab	56.65, 9.16, -28.32
CIElCh	57, 29.767, 287.930
Yxy	24.5629, 0.2563, 0.2473
Android (android.graphics.Color)	4286350777 (0xFF7C85B9)
YUV	136.2370, 24.0402, -10.7318
Hunter-Lab	49.5610, 4.9535, -24.2831

# Details

The Hex color **7C85B9** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **B9B07C**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B2BAF1**, and **495484** is the 20% darker color. If you saturate the color by 10%, you get **6A75B9**, and if you desaturate by 10%, it is **8F95B9**.

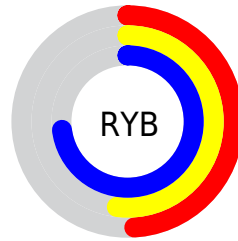
# Distribution



Red (49%)

Green (52%)

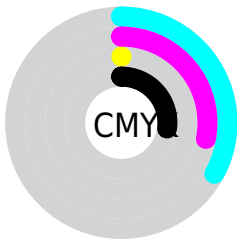
Blue (73%)



Red (49%)

Yellow (52%)

Blue (73%)

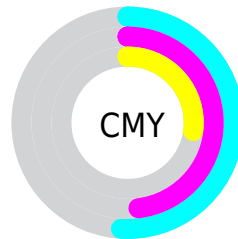


Cyan (33%)

Magenta (28%)

Yellow (0%)

Black (27%)



Cyan (51%)

Magenta (48%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C85B9 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 7C85B9 by changing the saturation by 10% instead.



■ 7C85B9

■ 7C85B9

FFFFFF

■ 626C9E

■ B2BAF1

■ 495484

■ CED6FF

■ 303D6A

■ EBF2FF

■ 152752

■ 00133A

■ 000225

■ 00010D

■ 000000

■ 7C85B9

■ 7C85B9

■ 6A75B9

■ 8F95B9

■ 5765B9

■ A1A5B9

■ 4556B9

■ B4B4B9

■ 3246B9

■ C6C4B9

■ 2036B9

■ D9D4B9

■ 0D26B9

■ EBE4B9

■ 001BB9

■ FDF3B9

■ FFFB9

# Harmonies

## Analogous

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



528EBA



7C85B9



9E7CAB

# Triad

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



7C85B9



B47A63



4C957C

# Complementary

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



7C85B9



B9B07C

# 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.



6C9264



7C85B9



A38355

# Square

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



7C85B9



BB7579



8A8B56



2E9697

# Rectangle

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



7C85B9



AE779C



8A8B56



579474



# Sweetspot

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



7C85B9



D8DBF0



7CB9B0



696C78



F7F7F7



787878



# Same Dimension

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



7C85B9



909EF0



917CB9



53545C



00179C



00041C



# Inverse Universe

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



B97C85



F0909E



A4B97C



5C5354



9C0017

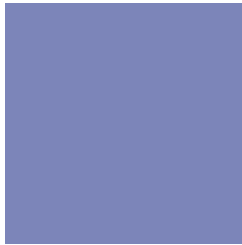


1C0004



# Previews

## White Background



This preview shows how the Hex color 7C85B9 looks on a white background.

## Color Contrast Check

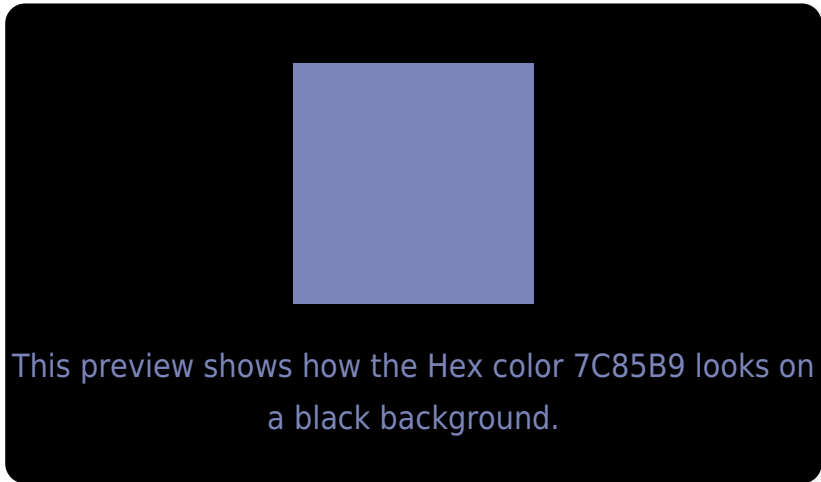
Large Text (above 18pt) WCAG AA ✓ Pass

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

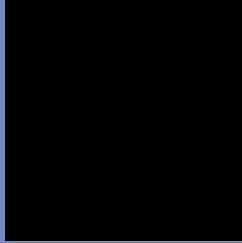
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C85B9 Background



This preview shows how black text looks on a background with the Hex color 7C85B9.



This preview shows how white text looks on a background with the Hex color 7C85B9.

# 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**

7C85B9

**Protanopia**

7886BA

**Deuteranopia**

7986B9



**Tritanopia**  
748C97

# Trichromacy



**Original Color**  
7C85B9

**Protanomaly**  
7986BA

**Deuteranomaly**  
7A86B9

**Tritanomaly**  
7789A3

# Monochromacy



**Original Color**  
7C85B9

**Achromatopsia**  
888888

**Achromatomaly**  
84879A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C85B9 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 #7C85B9 looks like.

```
.text, #text, p{  
    color:#7C85B9  
}
```

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 #7C85B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C85B9
}
```

## Border

The CSS property to change the border of an element to Hex 7C85B9 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
#7C85B9 }
```

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

```
.border{ border-color:#7C85B9 }
```

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

Here you see how a box with a 4 pixel #7C85B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C85B9; -webkit-box-shadow:4px 4px  
4px 4px #7C85B9; box-shadow:4px 4px 4px  
4px #7C85B9 }
```

# Background

The CSS property to change the background color of an element to Hex 7C85B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C85B9 }
```

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

```
.background{ background-color:#7C85B9 }
```

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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