

Converting Colors

Hex(7E85B0)

Have a look what the booklet for
Hex(7E85B0) contains.

Hex(7E85B0)	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(7E85B0)

Conversions

Conversions Part 1

Format	Color
Hex	7E85B0
RGB	126, 133, 176
RGB Percent	49%, 52%, 69%
CMY	0.5059, 0.4784, 0.3098
CMYK	0.28, 0.24, 0.00, 0.31
HSL	232°, 24%, 59%
HSV	232°, 28%, 69%
XYZ	24.8282, 24.3453, 44.4648
YIQ	135.8090, -17.9750, 11.8890

Conversions

Conversions Part 2

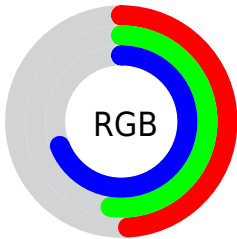
Format	Color
R_{YB}	126, 132, 176
Decimal	8291760
CIE _{Lab}	56.43, 7.42, -23.50
CIE _{LCh}	56, 24.643, 287.518
Yxy	24.3453, 0.2651, 0.2600
Android (android.graphics.Color)	4286481840 (0xFF7E85B0)
YUV	135.8090, 19.8142, -8.6025
Hunter-Lab	49.3409, 3.4740, -18.8920

Details

The Hex color **7E85B0** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **B0A97E**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B4BAE8**, and **4B547B** is the 20% darker color. If you saturate the color by 10%, you get **6C76B0**, and if you desaturate by 10%, it is **9094B0**.

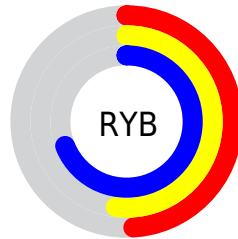
Distribution



Red (49%)

Green (52%)

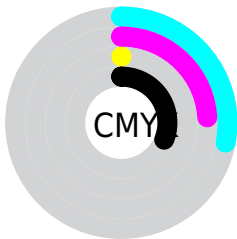
Blue (69%)



Red (49%)

Yellow (52%)

Blue (69%)

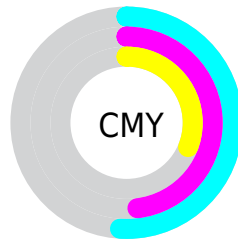


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (31%)



Cyan (51%)

Magenta (48%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E85B0 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 7E85B0 by changing the saturation by 10% instead.

■ 7E85B0

■ 7E85B0

FFFFFF

■ 646C95

■ B4BAE8

■ 4B547B

■ CFD6FF

■ 333D62

■ ECF2FF

■ 1B274A

■ 021333

■ 00021E

■ 000000

■ 7E85B0

■ 7E85B0

■ 6C76B0

■ 9094B0

■ 5B67B0

■ A1A3B0

■ 4958B0

■ B3B2B0

■ 3848B0

■ C4C2B0

■ 2639B0

■ D6D1B0

■ 142AB0

■ E8E0B0

■ 031BB0

■ F9EFB0

■ 0019B0

■ FFFEB0

■ FFFFB0

Harmonies

Analogous

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



5F8CB1



7E85B0



9A7EA4

Triad

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



7E85B0



AD7C69



59937D

Complementary

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



7E85B0



B0A97E

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.



718F6A



7E85B0



9F835E

Square

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



7E85B0



B3787B



8A8A5E



469393

Rectangle

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



7E85B0



A77A98



8A8A5E



619276

Sweetspot

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



7E85B0



D1D4E6



7EB0A8



666873



F2F2F2



737373

Same Dimension

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



7E85B0



97A2E6



8F7EB0



505259



001599



00041A

Inverse Universe

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



B07E85



E697A2



9EB07E



595052



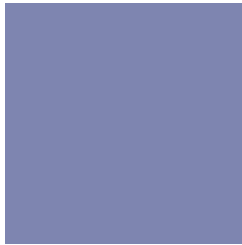
990015



1A0004

Previews

White Background



This preview shows how the Hex color 7E85B0 looks on a white background.

Color Contrast Check

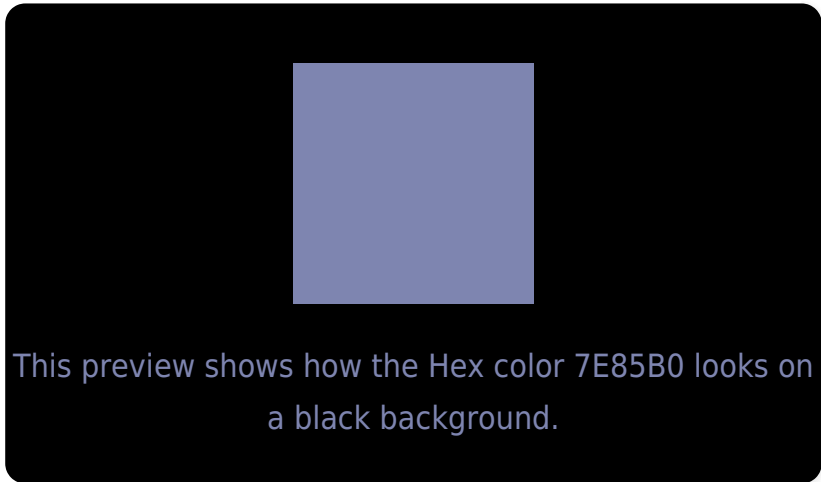
Large Text (above 18pt) WCAG AA ✓ Pass

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

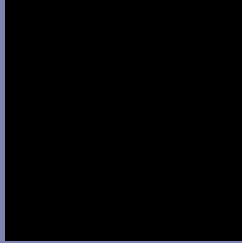
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

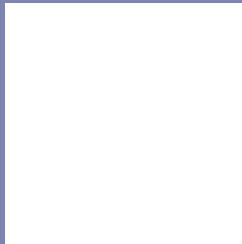
Any Text WCAG AAA × Fail

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

Hex 7E85B0 Background



This preview shows how black text looks on a background with the Hex color 7E85B0.



This preview shows how white text looks on a background with the Hex color 7E85B0.

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

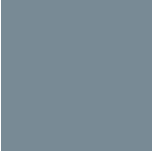
7E85B0

Protanopia

7C86B0

Deuteranopia

7E85B0



Tritanopia
788A95

Trichromacy



Original Color
7E85B0

Protanomaly
7D86B0

Deuteranomaly
7E85B0

Tritanomaly
7A889F

Monochromacy



Original Color
7E85B0

Achromatopsia
888888

Achromatomaly
848797

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E85B0 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 #7E85B0 looks like.

```
.text, #text, p{  
    color:#7E85B0  
}
```

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 #7E85B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E85B0
}
```

Border

The CSS property to change the border of an element to Hex 7E85B0 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
#7E85B0 }
```

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

```
.border{ border-color:#7E85B0 }
```

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

Here you see how a box with a 4 pixel #7E85B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E85B0; -webkit-box-shadow:4px 4px  
4px 4px #7E85B0; box-shadow:4px 4px 4px  
4px #7E85B0 }
```

Background

The CSS property to change the background color of an element to Hex 7E85B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E85B0 }
```

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

```
.background{ background-color:#7E85B0 }
```

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