

Converting Colors

Hex(7A85B2)

Have a look what the booklet for
Hex(7A85B2) contains.

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Color

Hex(7A85B2)

Conversions

Conversions Part 1

Format	Color
Hex	7A85B2
RGB	122, 133, 178
RGB Percent	48%, 52%, 70%
CMY	0.5216, 0.4784, 0.3020
CMYK	0.31, 0.25, 0.00, 0.30
HSL	228°, 27%, 59%
HSV	228°, 31%, 70%
XYZ	24.4494, 24.1270, 45.4878
YIQ	134.8410, -21.0010, 11.6630

Conversions

Conversions Part 2

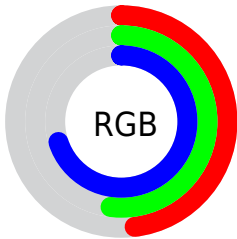
Format	Color
R_{YB}	122, 131, 178
Decimal	8029618
CIE _{Lab}	56.21, 6.72, -25.00
CIE _{LCh}	56, 25.891, 285.043
Yxy	24.1270, 0.2599, 0.2565
Android (android.graphics.Color)	4286219698 (0xFF7A85B2)
YUV	134.8410, 21.2774, -11.2616
Hunter-Lab	49.1192, 2.8910, -20.5232

Details

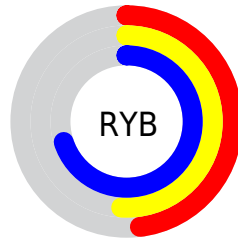
The Hex color **7A85B2** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **B2A77A**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **B0BAEA**, and **47547D** is the 20% darker color. If you saturate the color by 10%, you get **6877B2**, and if you desaturate by 10%, it is **8C93B2**.

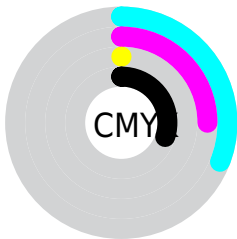
Distribution



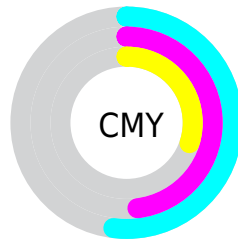
- Red (48%)
- Green (52%)
- Blue (70%)



- Red (48%)
- Yellow (51%)
- Blue (70%)



- Cyan (31%)
- Magenta (25%)
- Yellow (0%)
- Black (30%)



- Cyan (52%)
- Magenta (48%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A85B2 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 7A85B2 by changing the saturation by 10% instead.



7A85B2



7A85B2

FFFFFF



606C97



B0BAEA



47547D



CBD6FF



2F3D64



E8F2FF



15274C



001335



00021F



000003



000000



7A85B2



7A85B2

6877B2

8C93B2

5668B2

9EA2B2

455AB2

AFB0B2

334CB2

C1BEB2

213DB2

D3CDB2

0F2FB2

E5DBB2

0023B2

F7E9B2

FFF7B2

FFFFB2

Harmonies

Analogous

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



588CB2



7A85B2



987DA7

Triad

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



7A85B2



AF7A68



57927A

Complementary

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



7A85B2



B2A77A

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.



728F66



7A85B2



A1815C

Square

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



7A85B2



B4767C



8B895B



429392

Rectangle

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



7A85B2



A7799A



8B895B



609173

Sweetspot

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



7A85B2



D3D7E8



7AB2A7



686B75



F5F5F5



757575

Same Dimension

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



7A85B2



90A1E8



8B7AB2



505259



001E99



00051A

Inverse Universe

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



B27A85



E890A1



A1B27A



595052



99001E



1A0005

Previews

White Background



This preview shows how the Hex color 7A85B2 looks on a white background.

Color Contrast Check

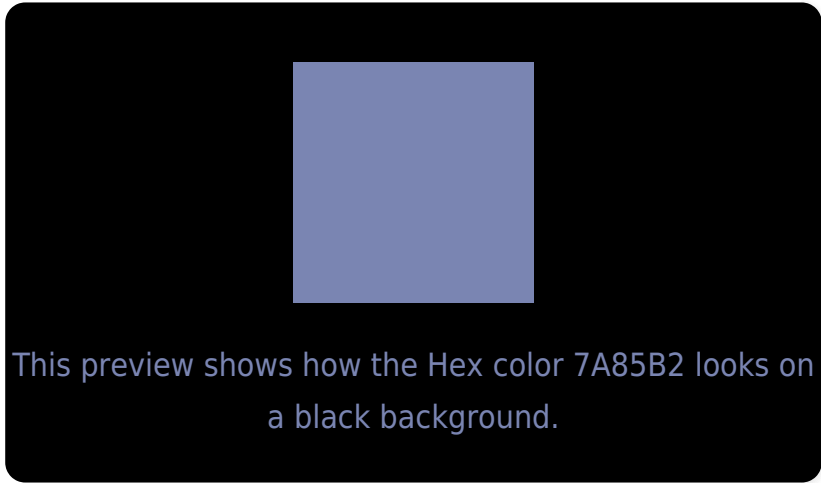
Large Text (above 18pt) WCAG AA ✓ Pass

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

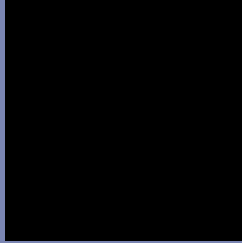
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

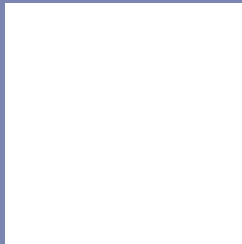
Any Text WCAG AAA × Fail

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

Hex 7A85B2 Background



This preview shows how black text looks on a background with the Hex color 7A85B2.



This preview shows how white text looks on a background with the Hex color 7A85B2.

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](#).

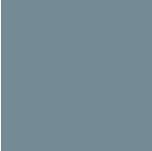
Dichromacy



Original Color
7A85B2

Protanopia
7A85B2

Deuteranopia
7C84B2



Tritanopia
748A95

Trichromacy



Original Color
7A85B2

Protanomaly
7A85B2

Deuteranomaly
7B84B2

Tritanomaly
7688A0

Monochromacy



Original Color
7A85B2

Achromatopsia
878787

Achromatomaly
828697

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A85B2 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 #7A85B2 looks like.

```
.text, #text, p{  
    color:#7A85B2  
}
```

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 #7A85B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A85B2  
}
```

Border

The CSS property to change the border of an element to Hex 7A85B2 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  
#7A85B2 }
```

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

```
.border{ border-color:#7A85B2 }
```

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

Here you see how a box with a 4 pixel #7A85B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A85B2; -webkit-box-shadow:4px 4px  
4px 4px #7A85B2; box-shadow:4px 4px 4px  
4px #7A85B2 }
```

Background

The CSS property to change the background color of an element to Hex 7A85B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A85B2 }
```

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

```
.background{ background-color:#7A85B2 }
```

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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