

Converting Colors

Hex(7F85C5)

Have a look what the booklet for
Hex(7F85C5) contains.

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Color

Hex(7F85C5)

Conversions

Conversions Part 1

Format	Color
Hex	7F85C5
RGB	127, 133, 197
RGB Percent	50%, 52%, 77%
CMY	0.5020, 0.4784, 0.2275
CMYK	0.36, 0.32, 0.00, 0.23
HSL	235°, 38%, 64%
HSV	235°, 36%, 77%
XYZ	27.2180, 25.3183, 56.2757
YIQ	138.5020, -24.1200, 18.6320

Conversions

Conversions Part 2

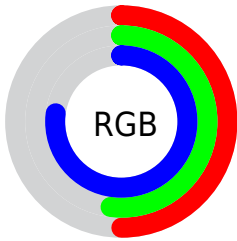
Format	Color
RYB	127, 133, 197
Decimal	8357317
CIELab	57.38, 13.25, -33.98
CIElCh	57, 36.472, 291.310
Yxy	25.3183, 0.2501, 0.2327
Android (android.graphics.Color)	4286547397 (0xFF7F85C5)
YUV	138.5020, 28.8395, -10.0873
Hunter-Lab	50.3173, 8.5002, -31.0888

Details

The Hex color **7F85C5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C5BF7F**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B6BAFE**, and **4B548F** is the 20% darker color. If you saturate the color by 10%, you get **6B73C5**, and if you desaturate by 10%, it is **9397C5**.

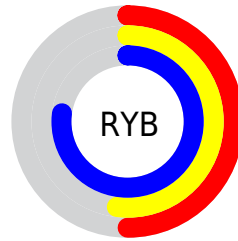
Distribution



Red (50%)

Green (52%)

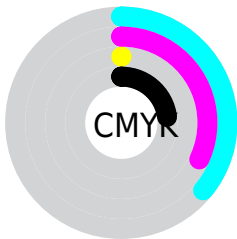
Blue (77%)



Red (50%)

Yellow (52%)

Blue (77%)

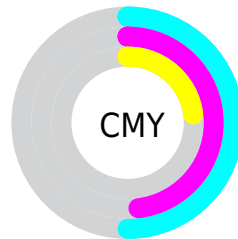


Cyan (36%)

Magenta (32%)

Yellow (0%)

Black (23%)



Cyan (50%)

Magenta (48%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F85C5 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 7F85C5 by changing the saturation by 10% instead.

■ 7F85C5

■ 7F85C5

FFFFFF

■ 656CAA

■ B6BAFE

■ 4B548F

■ D2D6FF

■ 303D75

■ EFF2FF

■ 14275C

■ 001344

■ 00022D

■ 000118

■ 000000

■ 7F85C5

■ 7F85C5

6B73C5

9397C5

5861C5

A6A9C5

444FC5

BABBC5

303DC5

CECDC5

1C2BC5

E2DFC5

0919C5

F5F1C5

0011C5

FFFFC5

Harmonies

Analogous

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



4590C8



7F85C5



A979B2

Triad

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



7F85C5



BD7A59



339A7F

Complementary

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



7F85C5



C5BF7F

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.



629661



7F85C5



A6854A

Square

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



7F85C5



C77174



878F4D



009AA0

Rectangle

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



7F85C5



BB739F



878F4D



459974

Sweetspot

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



7F85C5



E3E5FF



7FC5BE



6F7080



000000



808080

Same Dimension

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



7F85C5



919BFF



9B7FC5



5A5A63



000EA3



000324

Inverse Universe

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



C57F85



FF919B



A9C57F



635A5A



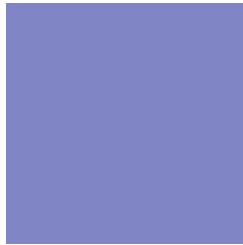
A3000E



240003

Previews

White Background



This preview shows how the Hex color 7F85C5 looks on a white background.

Color Contrast Check

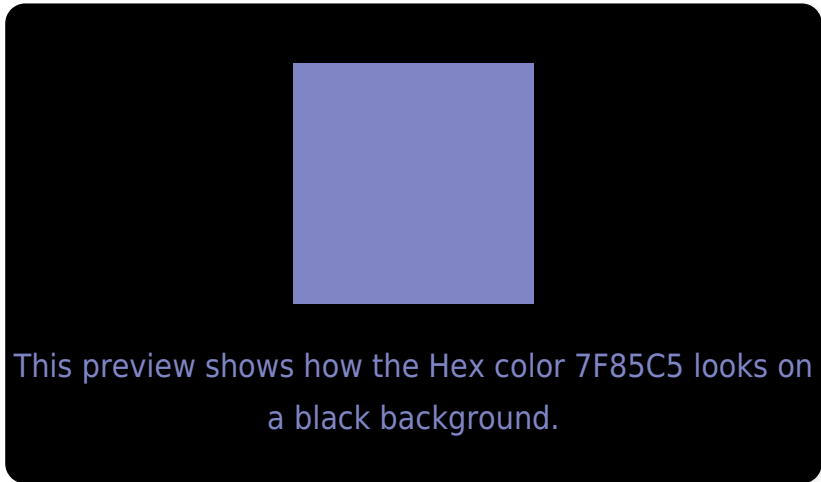
Large Text (above 18pt) WCAG AA ✓ Pass

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

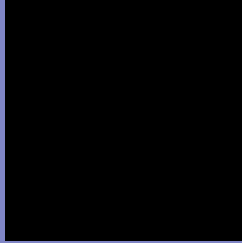
Any Text WCAG AA ✓ Pass

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 7F85C5 Background



This preview shows how black text looks on a background with the Hex color 7F85C5.



This preview shows how white text looks on a background with the Hex color 7F85C5.

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
7F85C5

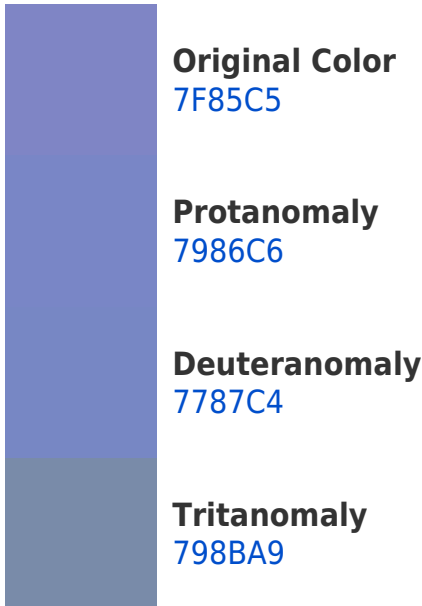
Protanopia
7587C7

Deuteranopia
7388C4

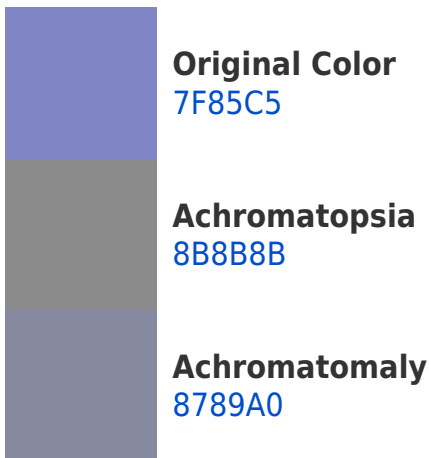


Tritanopia
758E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F85C5 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 #7F85C5 looks like.

```
.text, #text, p{  
    color:#7F85C5  
}
```

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 #7F85C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F85C5
}
```

Border

The CSS property to change the border of an element to Hex 7F85C5 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
#7F85C5 }
```

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

```
.border{ border-color:#7F85C5 }
```

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

Here you see how a box with a 4 pixel #7F85C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F85C5; -webkit-box-shadow:4px 4px  
4px 4px #7F85C5; box-shadow:4px 4px 4px  
4px #7F85C5 }
```

Background

The CSS property to change the background color of an element to Hex 7F85C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F85C5 }
```

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

```
.background{ background-color:#7F85C5 }
```

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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