

Converting Colors

Hex(85A7CC)

Have a look what the booklet for
Hex(85A7CC) contains.

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Color

Hex(85A7CC)

Conversions

Conversions Part 1

Format	Color
Hex	85A7CC
RGB	133, 167, 204
RGB Percent	52%, 65%, 80%
CMY	0.4784, 0.3451, 0.2000
CMYK	0.35, 0.18, 0.00, 0.20
HSL	211°, 41%, 66%
HSV	211°, 35%, 80%
XYZ	34.3907, 36.9836, 62.4527
YIQ	161.0520, -32.1410, 4.2990

Conversions

Conversions Part 2

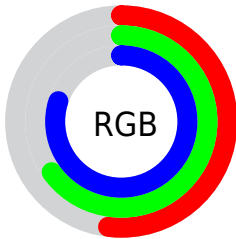
Format	Color
RYB	133, 156, 204
Decimal	8759244
CIELab	67.26, -2.61, -22.61
CIElCh	67, 22.763, 263.418
Yxy	36.9836, 0.2570, 0.2764
Android (android.graphics.Color)	4286949324 (0xFF85A7CC)
YUV	161.0520, 21.1734, -24.6016
Hunter-Lab	60.8142, -5.4822, -18.3176

Details

The Hex color **85A7CC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CCAA85**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **BCDEFF**, and **507396** is the 20% darker color. If you saturate the color by 10%, you get **719CCC**, and if you desaturate by 10%, it is **99B2CC**.

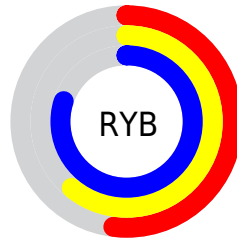
Distribution



Red (52%)

Green (65%)

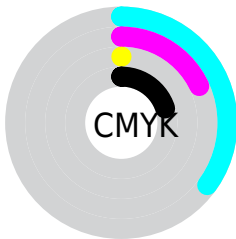
Blue (80%)



Red (52%)

Yellow (61%)

Blue (80%)

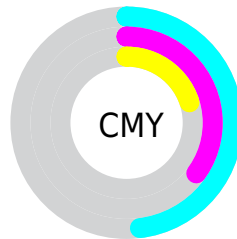


Cyan (35%)

Magenta (18%)

Yellow (0%)

Black (20%)



Cyan (48%)

Magenta (35%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85A7CC 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 85A7CC by changing the saturation by 10% instead.

 85A7CC

 85A7CC

FFFFFF

 6A8DB0

 BCDEFF

 507396

 D8FBFF

 375B7C

 F5FFFF

 1B4363

 002D4B

 001934

 00021F

 000002

 000000

■ 85A7CC

■ 85A7CC

■ 719CCC

■ 99B2CC

■ 5C92CC

■ AEBCCC

■ 4887CC

■ C2C7CC

■ 337CCC

■ D7D2CC

■ 1F72CC

■ EBDCCC

■ 0B67CC

■ FFE7CC

■ 0062CC

■ FFF1CC

■ FFFCCC

■ FFFFCC

Harmonies

Analogous

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



6FACC4



85A7CC



A1A0C9

Triad

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



85A7CC



CE9694



8BAC8B

Complementary

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



85A7CC



CCAA85

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.



A2A77E



85A7CC



C79A84

Square

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



85A7CC



CA95A9



B7A17B



75AF9E

Rectangle

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



85A7CC



B29BC2



B7A17B



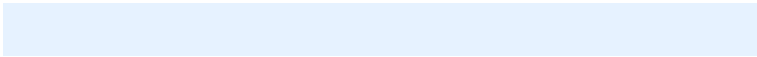
92AB86

Sweetspot

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



85A7CC



E6F2FF



85CCAA



707880



000000



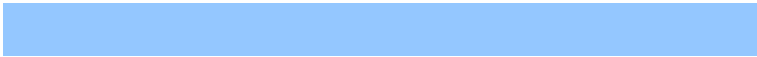
808080

Same Dimension

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



85A7CC



94C7FF



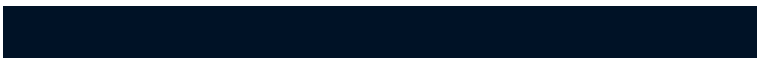
8685CC



5C6166



004FA6



001226

Inverse Universe

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



CC85A7



FF94C7



CBCC85



665C61



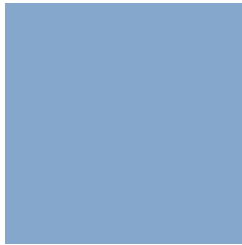
A6004F



260012

Previews

White Background



This preview shows how the Hex color 85A7CC looks on a white background.

Color Contrast Check

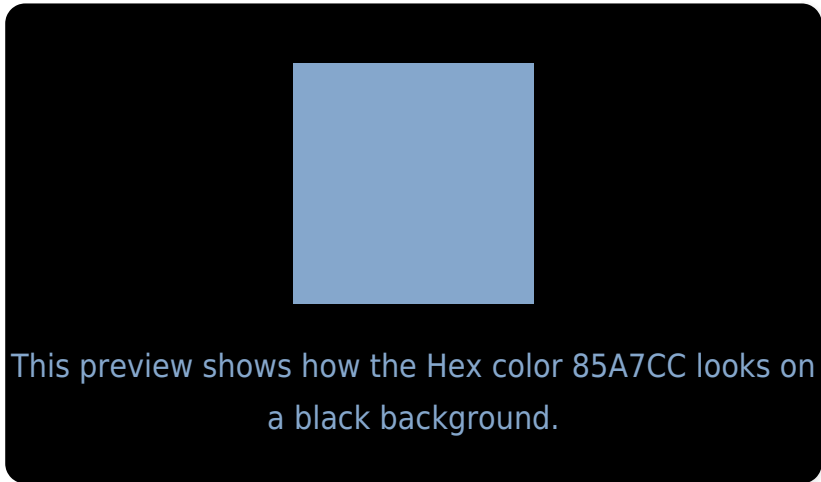
Large Text (above 18pt) WCAG AA × Fail

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

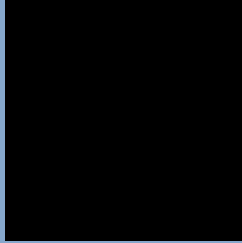
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

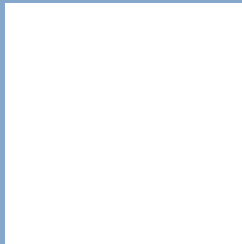
Any Text WCAG AAA ✓ Pass

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

Hex 85A7CC Background



This preview shows how black text looks on a background with the Hex color 85A7CC.

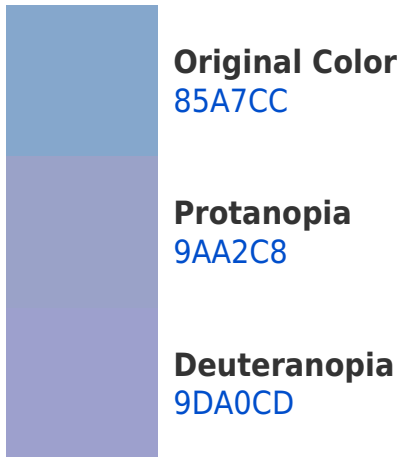


This preview shows how white text looks on a background with the Hex color 85A7CC.

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](#).

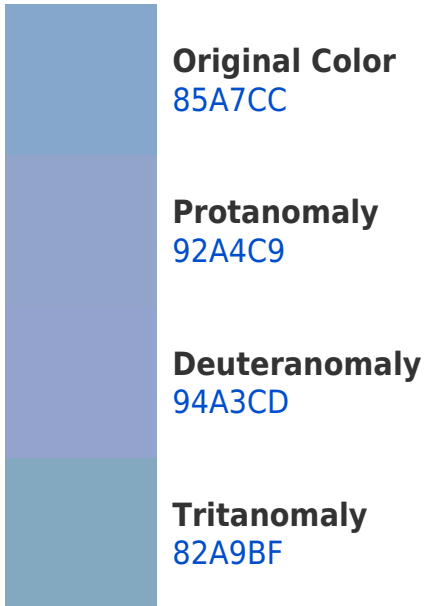
Dichromacy



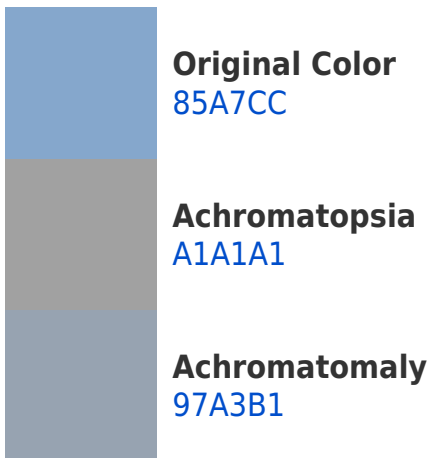


Tritanopia
80AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85A7CC 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 #85A7CC looks like.

```
.text, #text, p{  
    color:#85A7CC  
}
```

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 #85A7CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85A7CC  
}
```

Border

The CSS property to change the border of an element to Hex 85A7CC 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  
#85A7CC }
```

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

```
.border{ border-color:#85A7CC }
```

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

Here you see how a box with a 4 pixel #85A7CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85A7CC; -webkit-box-shadow:4px 4px  
4px 4px #85A7CC; box-shadow:4px 4px 4px  
4px #85A7CC }
```

Background

The CSS property to change the background color of an element to Hex 85A7CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85A7CC }
```

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

```
.background{ background-color:#85A7CC }
```

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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