

Converting Colors

Hex(85B3CA)

Have a look what the booklet for
Hex(85B3CA) contains.

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Color

Hex(85B3CA)

Conversions

Conversions Part 1

Format	Color
Hex	85B3CA
RGB	133, 179, 202
RGB Percent	52%, 70%, 79%
CMY	0.4784, 0.2980, 0.2078
CMYK	0.34, 0.11, 0.00, 0.21
HSL	200°, 39%, 66%
HSV	200°, 34%, 79%
XYZ	36.4536, 41.4910, 61.9644
YIQ	167.8680, -34.7990, -2.5990

Conversions

Conversions Part 2

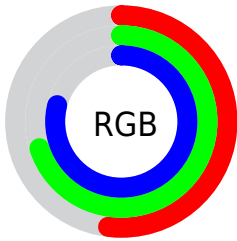
Format	Color
R _Y B	133, 161, 202
Decimal	8762314
CIE Lab	70.52, -9.65, -16.57
CIE LCh	71, 19.173, 239.787
Yxy	41.4910, 0.2606, 0.2966
Android (android.graphics.Color)	4286952394 (0xFF85B3CA)
YUV	167.8680, 16.8271, -30.5792
Hunter-Lab	64.4135, -11.7049, -11.9462

Details

The Hex color **85B3CA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CA9C85**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **BCEBFF**, and **507E94** is the 20% darker color. If you saturate the color by 10%, you get **71ACCA**, and if you desaturate by 10%, it is **99BACA**.

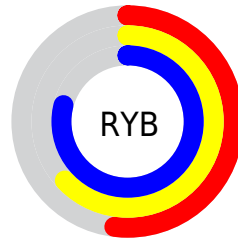
Distribution



Red (52%)

Green (70%)

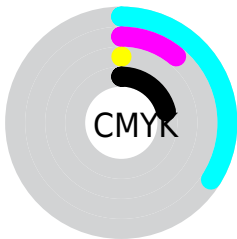
Blue (79%)



Red (52%)

Yellow (63%)

Blue (79%)

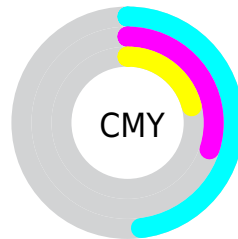


Cyan (34%)

Magenta (11%)

Yellow (0%)

Black (21%)



Cyan (48%)

Magenta (30%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85B3CA 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 85B3CA by changing the saturation by 10% instead.

85B3CA

85B3CA

FFFFFF

6A98AF

BCEBFF

507E94

D8FFFF

36657A

F5FFFF

1B4D61

003749

002133

00051E

000001

000000

85B3CA

85B3CA

71ACCA

99BACA

5DA6CA

ADC0CA

489FCA

C2C7CA

3498CA

D6CECA

2091CA

EAD5CA

0C8BCA

FEDBCA

0087CA

FFE2CA

FFE9CA

FFF0CA

Harmonies

Analogous

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



7DB6BD



85B3CA



98AECF

Triad

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



85B3CA



CFA0AD



A7B18E

Complementary

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



85B3CA



CA9C85

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.



BAAB8A



85B3CA



D1A19C

Square

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



85B3CA



C3A3BE



C9A68F



93B59A

Rectangle

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



85B3CA



A8AACD



C9A68F



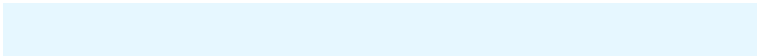
AEAF8C

Sweetspot

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



85B3CA



E6F7FF



85CA9C



707A80



000000



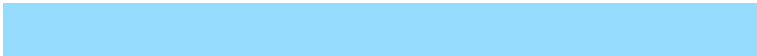
808080

Same Dimension

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



85B3CA



96DCFF



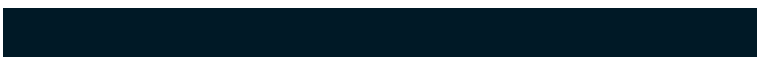
8591CA



5C6366



006EA6



001926

Inverse Universe

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



CA85B3



FF96DC



CABF85



665C63



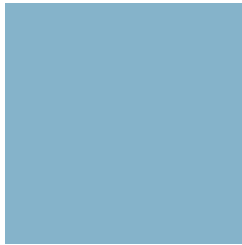
A6006E



260019

Previews

White Background



This preview shows how the Hex color 85B3CA looks on a white background.

Color Contrast Check

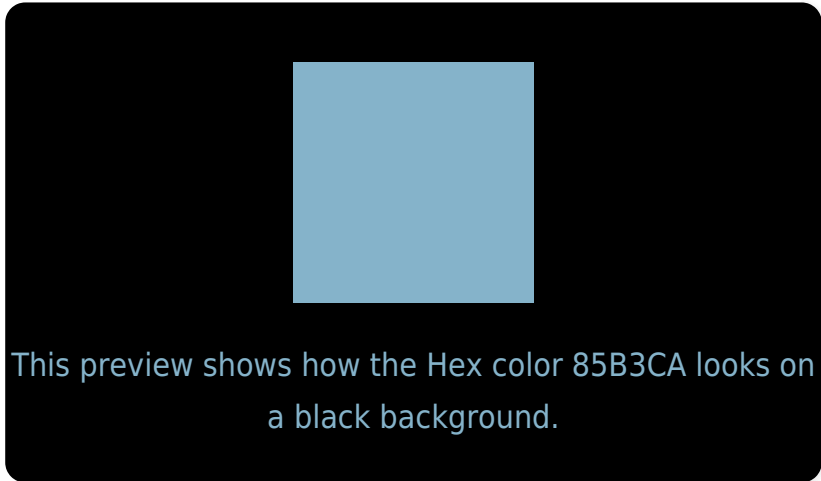
Large Text (above 18pt) WCAG AA × Fail

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

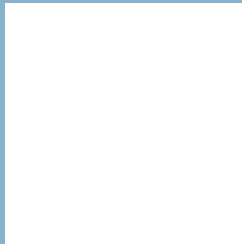
Any Text WCAG AAA ✓ Pass

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

Hex 85B3CA Background



This preview shows how black text looks on a background with the Hex color 85B3CA.

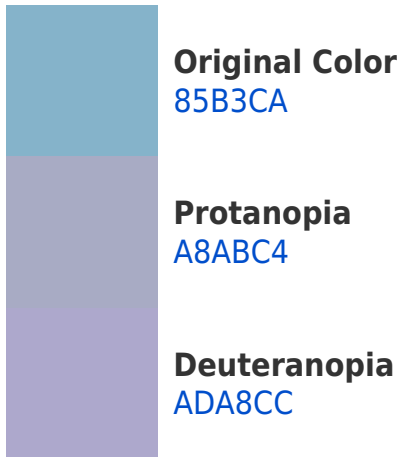


This preview shows how white text looks on a background with the Hex color 85B3CA.

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](#).

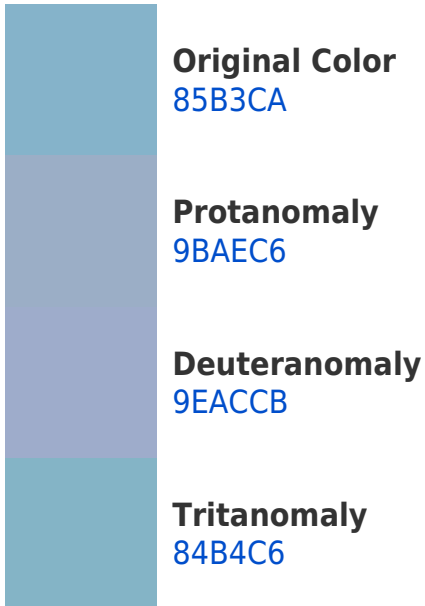
Dichromacy



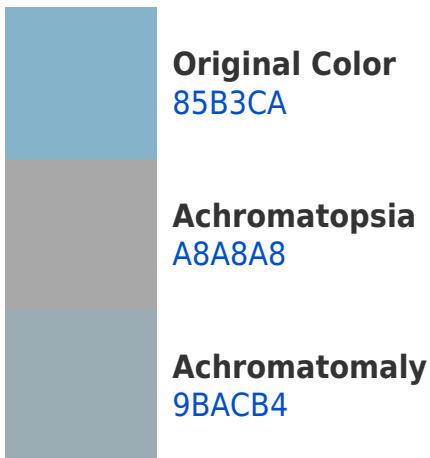


Tritanopia
83B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85B3CA 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 #85B3CA looks like.

```
.text, #text, p{  
    color:#85B3CA  
}
```

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 #85B3CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85B3CA
}
```

Border

The CSS property to change the border of an element to Hex 85B3CA 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
#85B3CA }
```

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

```
.border{ border-color:#85B3CA }
```

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

Here you see how a box with a 4 pixel #85B3CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85B3CA; -webkit-box-shadow:4px 4px  
4px 4px #85B3CA; box-shadow:4px 4px 4px  
4px #85B3CA }
```

Background

The CSS property to change the background color of an element to Hex 85B3CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85B3CA }
```

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

```
.background{ background-color:#85B3CA }
```

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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