

# Converting Colors

Hex(85A5CB)

Have a look what the booklet for  
Hex(85A5CB) contains.

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# **Color**

**Hex(85A5CB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	85A5CB
RGB	133, 165, 203
RGB Percent	52%, 65%, 80%
CMY	0.4784, 0.3529, 0.2039
CMYK	0.34, 0.19, 0.00, 0.20
HSL	213°, 40%, 66%
HSV	213°, 34%, 80%
XYZ	33.9075, 36.2086, 61.7018
YIQ	159.7640, -31.2700, 5.0340

# Conversions

## Conversions Part 2

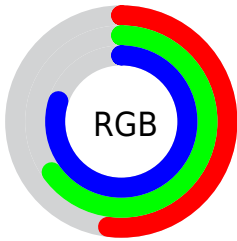
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">133, 155, 203</a>
Decimal	<a href="#">8758731</a>
CIELab	<a href="#">66.68, -1.76, -22.95</a>
CIElCh	<a href="#">67, 23.022, 265.613</a>
Yxy	<a href="#">36.2086, 0.2572, 0.2747</a>
Android (android.graphics.Color)	<a href="#">4286948811 (0xFF85A5CB)</a>
YUV	<a href="#">159.7640, 21.3153, -23.4720</a>
Hunter-Lab	<a href="#">60.1736, -4.7200, -18.6742</a>

# Details

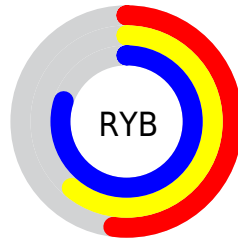
The Hex color **85A5CB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CBAB85**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BCDCFF**, and **517195** is the 20% darker color. If you saturate the color by 10%, you get **719ACB**, and if you desaturate by 10%, it is **99B0CB**.

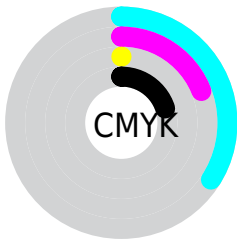
# Distribution



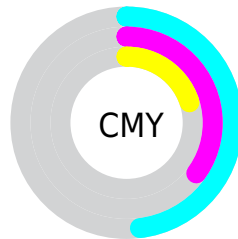
- Red (52%)
- Green (65%)
- Blue (80%)



- Red (52%)
- Yellow (61%)
- Blue (80%)



- Cyan (34%)
- Magenta (19%)
- Yellow (0%)
- Black (20%)



- Cyan (48%)
- Magenta (35%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85A5CB 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 85A5CB by changing the saturation by 10% instead.



 85A5CB

 85A5CB

FFFFFF

 6B8BB0

 BCDCFF

 517195

 D8F8FF

 37597B

 F5FFFF

 1C4262

 002C4A


 001733

 00021E

 000000

 85A5CB

 85A5CB

 719ACB

 99B0CB

 5C8FCB

 AEBBCB

 4884CB

 C2C6CB

 3479CB

 D6D1CB

 206ECB

 EBDCCB

 0B63CB

 FFE7CB

 005DCB

 FFF2CB

 FFFDCB

 FFFF CB

# Harmonies

## Analogous

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



6EABC4



85A5CB



A29EC7

# Triad

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



85A5CB



CC9491



87AB8A

# Complementary

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



85A5CB



CBAB85

# 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.



9FA67D



85A5CB



C59981

# Square

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



85A5CB



C994A6



B4A079



72AE9E

# Rectangle

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



85A5CB



B399BF



B4A079



8FAA85

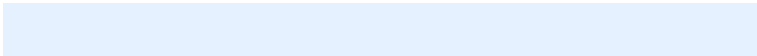


# Sweetspot

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



85A5CB



E6F1FF



85CBAA



707780



000000



808080

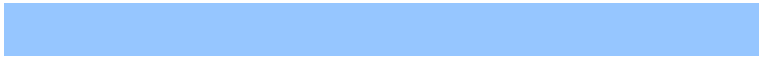


# Same Dimension

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



85A5CB



96C6FF



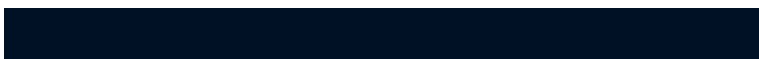
8785CB



5C6066



004CA6



001126



# Inverse Universe

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



CB85A5



FF96C6



C9CB85



665C60



A6004C

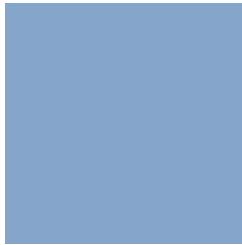


260011



# Previews

## White Background



This preview shows how the Hex color 85A5CB looks on a white background.

## Color Contrast Check

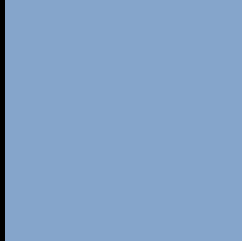
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 85A5CB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

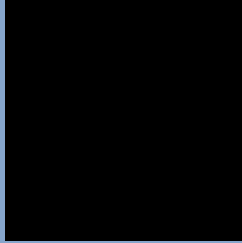
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

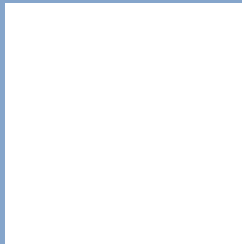
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 85A5CB Background



This preview shows how black text looks on a background with the Hex color 85A5CB.

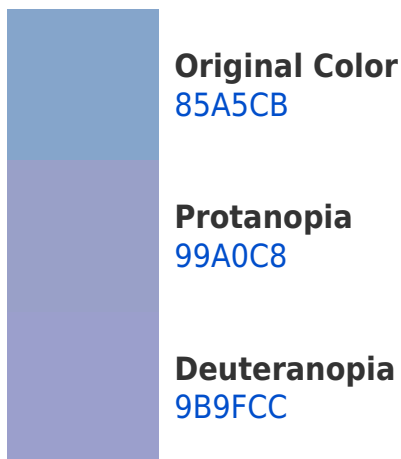


This preview shows how white text looks on a background with the Hex color 85A5CB.

# 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](#).

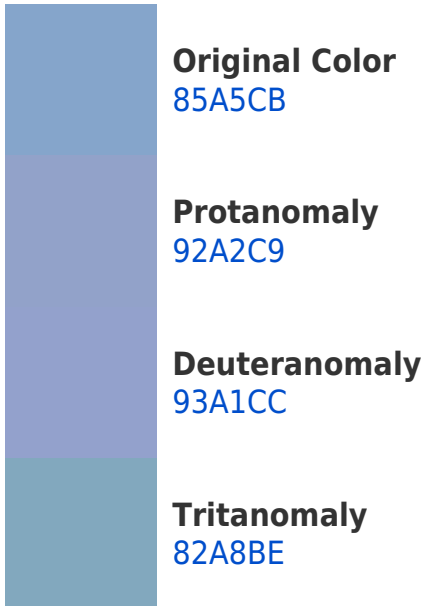
## Dichromacy



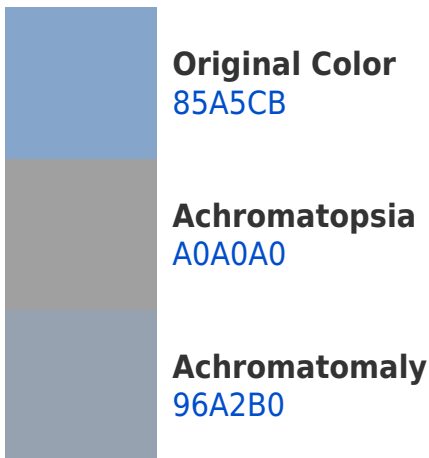


**Tritanopia**  
80A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85A5CB 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 #85A5CB looks like.

```
.text, #text, p{  
    color:#85A5CB  
}
```

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 #85A5CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85A5CB  
}
```

## Border

The CSS property to change the border of an element to Hex 85A5CB 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  
#85A5CB }
```

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

```
.border{ border-color:#85A5CB }
```

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

Here you see how a box with a 4 pixel #85A5CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85A5CB; -webkit-box-shadow:4px 4px  
4px 4px #85A5CB; box-shadow:4px 4px 4px  
4px #85A5CB }
```

# Background

The CSS property to change the background color of an element to Hex 85A5CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85A5CB }
```

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

```
.background{ background-color:#85A5CB }
```

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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