

# Converting Colors

Hex(85A7C3)

Have a look what the booklet for  
Hex(85A7C3) contains.

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# **Color**

**Hex(85A7C3)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 85A7C3                     |
| RGB         | 133, 167, 195              |
| RGB Percent | 52%, 65%, 76%              |
| CMY         | 0.4784, 0.3451, 0.2353     |
| CMYK        | 0.32, 0.14, 0.00, 0.24     |
| HSL         | 207°, 34%, 64%             |
| HSV         | 207°, 32%, 76%             |
| XYZ         | 33.3419, 36.5641, 56.9300  |
| YIQ         | 160.0260, -29.2520, 1.5000 |

# Conversions

## Conversions Part 2

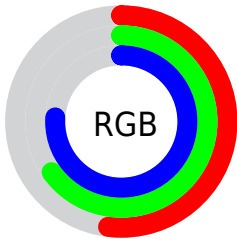
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 133, 155, 195                  |
| Decimal                             | 8759235                        |
| CIE <sub>Lab</sub>                  | 66.95, -4.91, -18.11           |
| CIE <sub>LCh</sub>                  | 67, 18.761, 254.839            |
| Yxy                                 | 36.5641, 0.2629,<br>0.2883     |
| Android<br>(android.graphics.Color) | 4286949315<br>(0xFF85A7C3)     |
| YUV                                 | 160.0260, 17.2422,<br>-23.7018 |
| Hunter-Lab                          | 60.4683, -7.3954,<br>-13.4929  |

# Details

The Hex color **85A7C3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C3A185**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BCDEFB**, and **51738D** is the 20% darker color. If you saturate the color by 10%, you get **729EC3**, and if you desaturate by 10%, it is **99B0C3**.

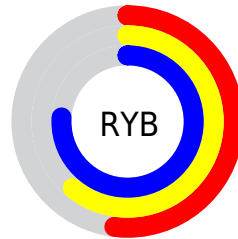
# Distribution



Red (52%)

Green (65%)

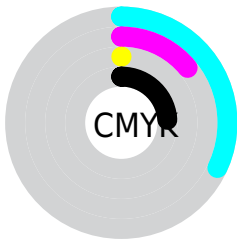
Blue (76%)



Red (52%)

Yellow (61%)

Blue (76%)

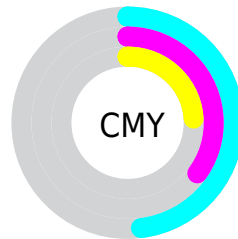


Cyan (32%)

Magenta (14%)

Yellow (0%)

Black (24%)



Cyan (48%)

Magenta (35%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85A7C3 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 85A7C3 by changing the saturation by 10% instead.





85A7C3



85A7C3

FFFFFF



6B8DA8



BCDEFC



51738D



D8FBFF



385B74



F5FFFF



1E435B



002D43



00192D



000119



000000



85A7C3



85A7C3

729EC3

99B0C3

5E95C3

ACB9C3

4B8DC3

C0C1C3

3784C3

D3CAC3

247BC3

E7D3C3

1072C3

FADCC3

006BC3

FFE5C3

FFEDC3

FFF6C3

# Harmonies

## Analogous

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



77ABBA



85A7C3



9BA2C3

# Triad

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



85A7C3



C6979B



94A98B

# Complementary

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



85A7C3



C3A185

# 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.



A7A482



85A7C3



C39A8C

# Square

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



85A7C3



C098AC



B89F83



82AC9A

# Rectangle

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



85A7C3



A99EBF



B89F83



9AA887

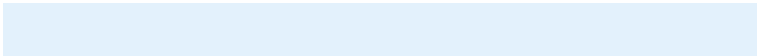


# Sweetspot

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



85A7C3



E3F1FC



85C3A1



707980



000000



808080

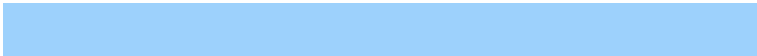


# Same Dimension

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



85A7C3



9DD1FC



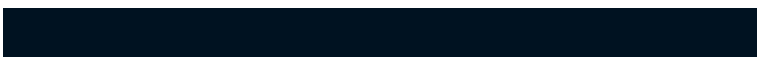
8588C3



575D61



0058A1



001221



# Inverse Universe

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



C385A7



FC9DD1



C3C085



61575D



A10058

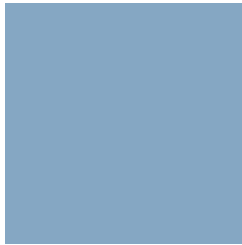


210012



# Previews

## White Background



This preview shows how the Hex color 85A7C3 looks on a white background.

## Color Contrast Check

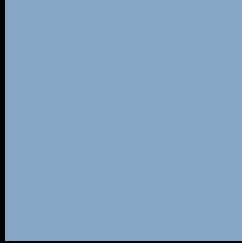
Large Text (above 18pt) WCAG AA × Fail

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 85A7C3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

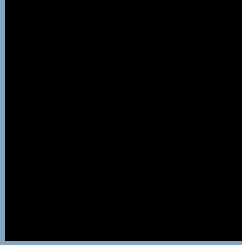
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

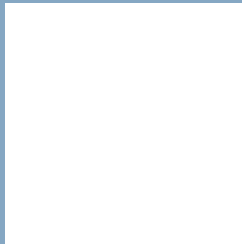
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 85A7C3 Background



This preview shows how black text looks on a background with the Hex color 85A7C3.

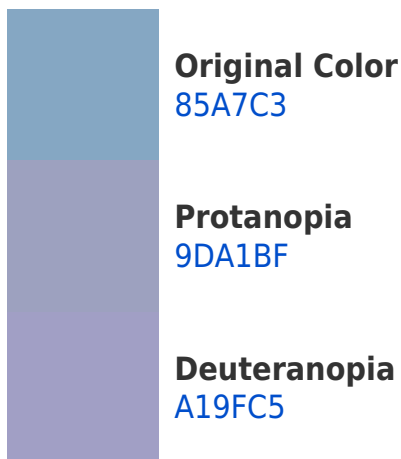


This preview shows how white text looks on a background with the Hex color 85A7C3.

# 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](#).

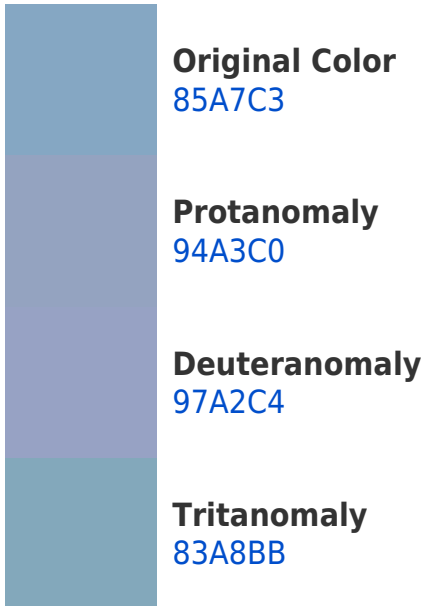
## Dichromacy



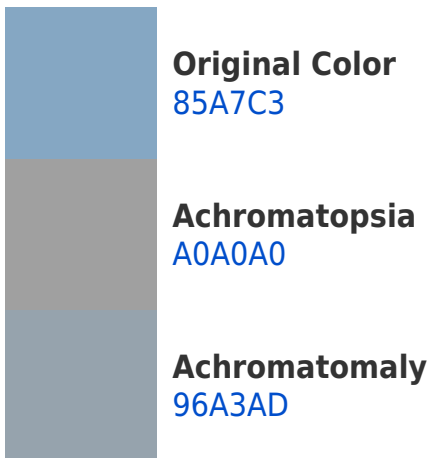


**Tritanopia**  
82A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85A7C3 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 #85A7C3 looks like.

```
.text, #text, p{  
    color:#85A7C3  
}
```

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 #85A7C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85A7C3
}
```

## Border

The CSS property to change the border of an element to Hex 85A7C3 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
#85A7C3 }
```

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

```
.border{ border-color:#85A7C3 }
```

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

Here you see how a box with a 4 pixel #85A7C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85A7C3; -webkit-box-shadow:4px 4px  
4px 4px #85A7C3; box-shadow:4px 4px 4px  
4px #85A7C3 }
```

# Background

The CSS property to change the background color of an element to Hex 85A7C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85A7C3 }
```

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

```
.background{ background-color:#85A7C3 }
```

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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