

Converting Colors

Hex(85A5DC)

Have a look what the booklet for
Hex(85A5DC) contains.

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Color

Hex(85A5DC)

Conversions

Conversions Part 1

Format	Color
Hex	85A5DC
RGB	133, 165, 220
RGB Percent	52%, 65%, 86%
CMY	0.4784, 0.3529, 0.1373
CMYK	0.40, 0.25, 0.00, 0.14
HSL	218°, 55%, 69%
HSV	218°, 40%, 86%
XYZ	36.0463, 37.0641, 72.9644
YIQ	161.7020, -36.7270, 10.3210

Conversions

Conversions Part 2

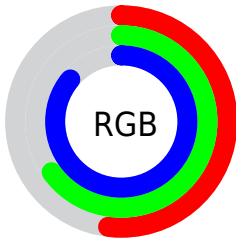
Format	Color
R _{YB}	133, 156, 220
Decimal	8758748
CIE Lab	67.33, 2.76, -31.35
CIE LCh	67, 31.474, 275.028
Yxy	37.0641, 0.2468, 0.2537
Android (android.graphics.Color)	4286948828 (0xFF85A5DC)
YUV	161.7020, 28.7409, -25.1717
Hunter-Lab	60.8803, -0.8535, -28.4422

Details

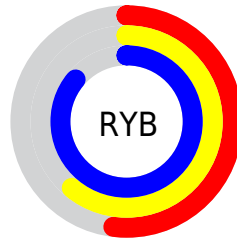
The Hex color **85A5DC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DCBC85**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **BDDCFF**, and **4F71A5** is the 20% darker color. If you saturate the color by 10%, you get **6F97DC**, and if you desaturate by 10%, it is **9BB3DC**.

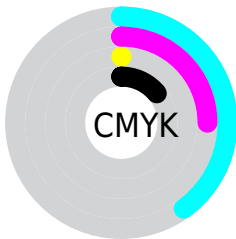
Distribution



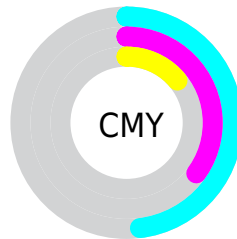
- Red (52%)
- Green (65%)
- Blue (86%)



- Red (52%)
- Yellow (61%)
- Blue (86%)



- Cyan (40%)
- Magenta (25%)
- Yellow (0%)
- Black (14%)



- Cyan (48%)
- Magenta (35%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85A5DC 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 85A5DC by changing the saturation by 10% instead.

 85A5DC

 85A5DC

FFFFFF

 6A8BC0

 BDDCFF

 4F71A5

 D9F8FF

 33598A

 F7FFFF

 134271

 002C58

 001840

 00032A

 000114

 000000

■ 85A5DC

■ 85A5DC

■ 6F97DC

■ 9BB3DC

■ 5989DC

■ B1C1DC

■ 437BDC

■ C7CFDC

■ 2D6DDC

■ DDDDDC

■ 175FDC

■ F3EBDC

■ 0152DC

■ FFF8DC

■ 0051DC

■ FFFFDC

Harmonies

Analogous

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



5AADD7



85A5DC



AE9BD2

Triad

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



85A5DC



DA9285



73B18B

Complementary

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



85A5DC



DCBC85

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.



94AC75



85A5DC



CB9A71

Square

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



85A5DC



DB8EA0



B3A46B



52B3A8

Rectangle

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



85A5DC



C495C5



B3A46B



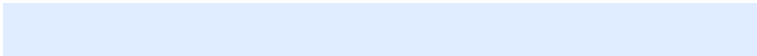
7EB083

Sweetspot

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



85A5DC



E0ECFF



85DCBB



6E7480



000000



808080

Same Dimension

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



85A5DC



87B3FF



8F85DC



63676E



0040AD



00112E

Inverse Universe

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



DC85A5



FF87B3



D2DC85



6E6367



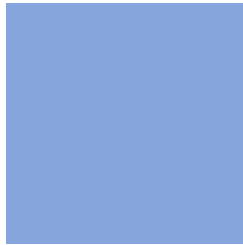
AD0040



2E0011

Previews

White Background



This preview shows how the Hex color 85A5DC looks on a white background.

Color Contrast Check

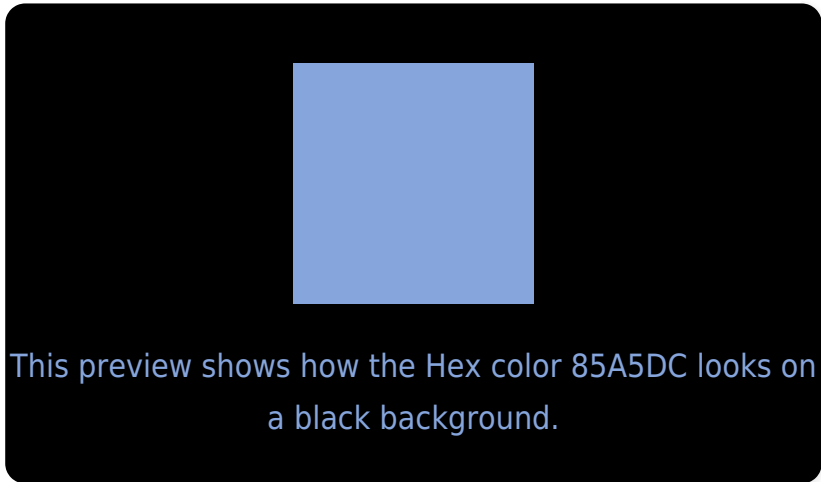
Large Text (above 18pt) WCAG AA × Fail

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

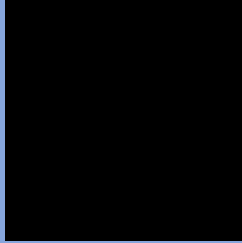
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

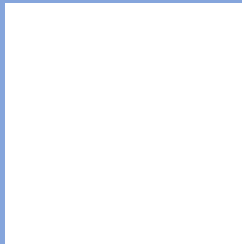
Any Text WCAG AAA ✓ Pass

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

Hex 85A5DC Background



This preview shows how black text looks on a background with the Hex color 85A5DC.

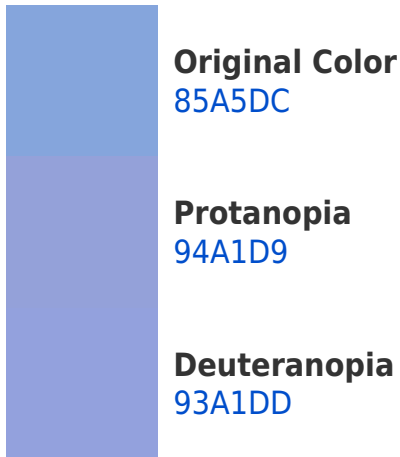


This preview shows how white text looks on a background with the Hex color 85A5DC.

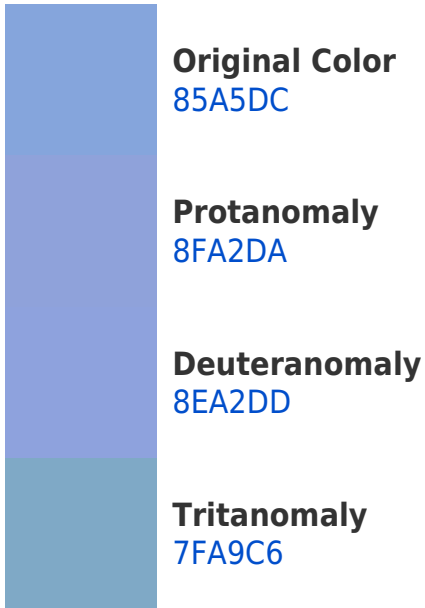
Color Blindness Simulation

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](#).

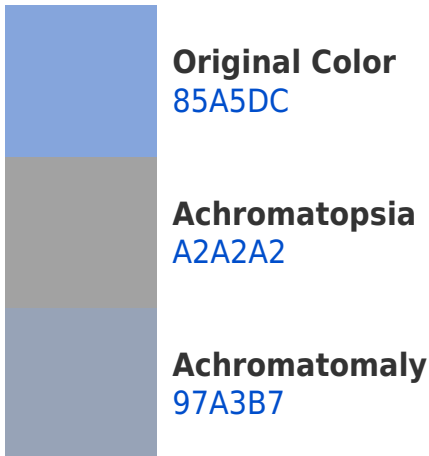
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85A5DC 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 #85A5DC looks like.

```
.text, #text, p{  
    color:#85A5DC  
}
```

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 #85A5DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85A5DC
}
```

Border

The CSS property to change the border of an element to Hex 85A5DC 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
#85A5DC }
```

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

```
.border{ border-color:#85A5DC }
```

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

Here you see how a box with a 4 pixel #85A5DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85A5DC; -webkit-box-shadow:4px 4px  
4px 4px #85A5DC; box-shadow:4px 4px 4px  
4px #85A5DC }
```

Background

The CSS property to change the background color of an element to Hex 85A5DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85A5DC }
```

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

```
.background{ background-color:#85A5DC }
```

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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