

# Converting Colors

Hex(85A3DD)

Have a look what the booklet for  
Hex(85A3DD) contains.

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# **Color**

**Hex(85A3DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85A3DD
RGB	133, 163, 221
RGB Percent	52%, 64%, 87%
CMY	0.4784, 0.3608, 0.1333
CMYK	0.40, 0.26, 0.00, 0.13
HSL	220°, 56%, 69%
HSV	220°, 40%, 87%
XYZ	35.8212, 36.4014, 73.5448
YIQ	160.6420, -36.4980, 11.6780

# Conversions

## Conversions Part 2

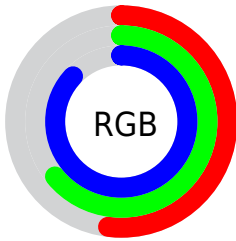
Format	Color
<a href="#">RYB</a>	<a href="#">133, 155, 221</a>
Decimal	<a href="#">8758237</a>
CIELab	<a href="#">66.83, 4.16, -32.68</a>
CIELCh	<a href="#">67, 32.941, 277.250</a>
Yxy	<a href="#">36.4014, 0.2457, 0.2497</a>
Android (android.graphics.Color)	<a href="#">4286948317</a> ( <a href="#">0xFF85A3DD</a> )
YUV	<a href="#">160.6420, 29.7565, -24.2420</a>
Hunter-Lab	<a href="#">60.3336, 0.3952, -30.0392</a>

# Details

The Hex color **85A3DD** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DDBF85**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BDDAFF**, and **4F70A6** is the 20% darker color. If you saturate the color by 10%, you get **6F94DD**, and if you desaturate by 10%, it is **9BB2DD**.

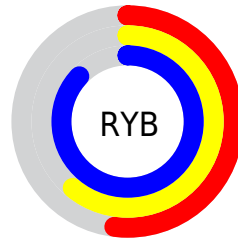
# Distribution



Red (52%)

Green (64%)

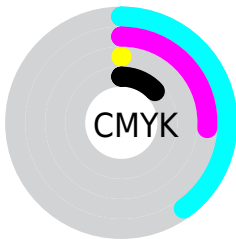
Blue (87%)



Red (52%)

Yellow (61%)

Blue (87%)

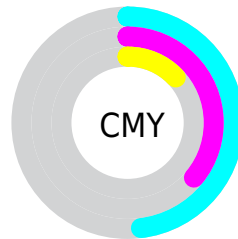


Cyan (40%)

Magenta (26%)

Yellow (0%)

Black (13%)



Cyan (48%)

Magenta (36%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85A3DD 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 85A3DD by changing the saturation by 10% instead.



■ 85A3DD

■ 85A3DD

FFFFFF

■ 6A89C1

■ BDDAFF

■ 4F70A6

■ D9F6FF

■ 33578B

■ F7FFFF

■ 134071

■ 002B59

■ 001741

■ 00032B

■ 000115

■ 000000

 85A3DD

 85A3DD

 6F94DD

 9BB2DD

 5986DD

 B1C0DD

 4377DD

 C7CFDD

 2D69DD

 DDDDDD

 165ADD

 F4ECDD

 004CDD

 FFFADD

 004BDD

 FFFFDD

# Harmonies

## Analogous

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



56ACD8



85A3DD



B098D2

# Triad

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



85A3DD



DA9080



6CB18B

# Complementary

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



85A3DD



DDBF85

# 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.



8FAB73



85A3DD



CA996D

# Square

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



85A3DD



DC8C9C



B0A367



48B3A9

# Rectangle

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



85A3DD



C692C3



B0A367



78AF82

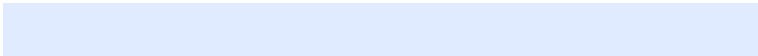


# Sweetspot

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



85A3DD



E0EBFF



85DDBE



6E7480



000000



808080



# Same Dimension

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



85A3DD



85AEFF



9285DD



63666E



003BAD



00102E



# Inverse Universe

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



DD85A3



FF85AE



D0DD85



6E6366



AD003B

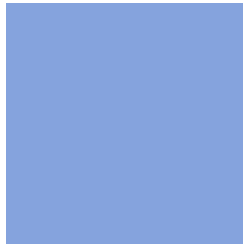


2E0010



# Previews

## White Background



This preview shows how the Hex color 85A3DD looks on a white background.

## Color Contrast Check

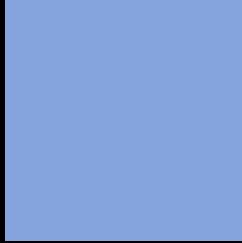
Large Text (above 18pt) WCAG AA × Fail

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 85A3DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

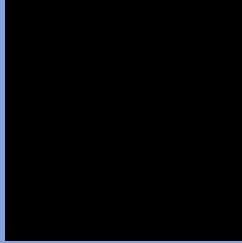
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

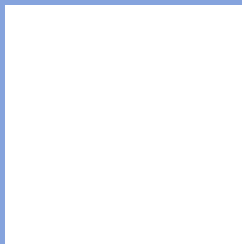
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 85A3DD Background



This preview shows how black text looks on a background with the Hex color 85A3DD.



This preview shows how white text looks on a background with the Hex color 85A3DD.

# 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](#).

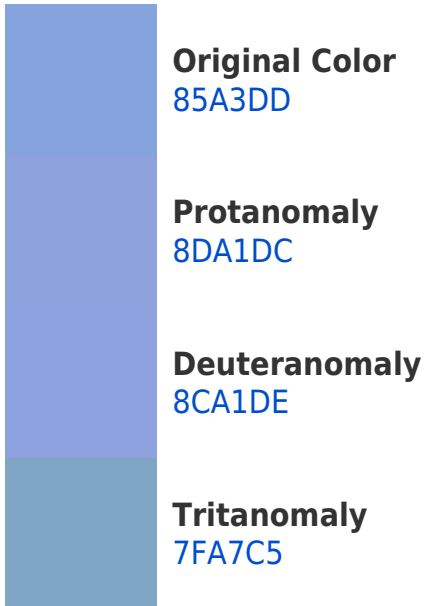
## Dichromacy



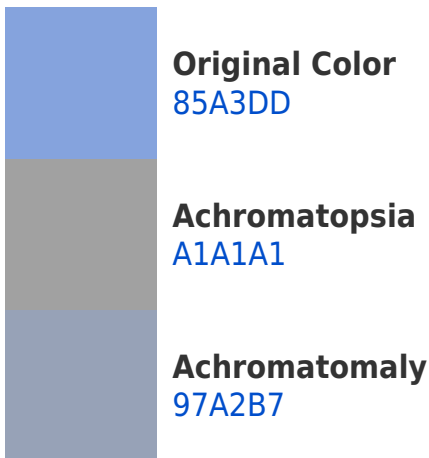


**Tritanopia**  
7BAAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85A3DD 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 #85A3DD looks like.

```
.text, #text, p{  
    color:#85A3DD  
}
```

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 #85A3DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85A3DD
}
```

## Border

The CSS property to change the border of an element to Hex 85A3DD 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
#85A3DD }
```

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

```
.border{ border-color:#85A3DD }
```

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

Here you see how a box with a 4 pixel #85A3DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85A3DD; -webkit-box-shadow:4px 4px  
4px 4px #85A3DD; box-shadow:4px 4px 4px  
4px #85A3DD }
```

# Background

The CSS property to change the background color of an element to Hex 85A3DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85A3DD }
```

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

```
.background{ background-color:#85A3DD }
```

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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