

Converting Colors

Hex(85A1DB)

Have a look what the booklet for
Hex(85A1DB) contains.

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Color

Hex(85A1DB)

Conversions

Conversions Part 1

Format	Color
Hex	85A1DB
RGB	133, 161, 219
RGB Percent	52%, 63%, 86%
CMY	0.4784, 0.3686, 0.1412
CMYK	0.39, 0.26, 0.00, 0.14
HSL	220°, 54%, 69%
HSV	220°, 39%, 86%
XYZ	35.2039, 35.5908, 72.0321
YIQ	159.2400, -35.3060, 12.1020

Conversions

Conversions Part 2

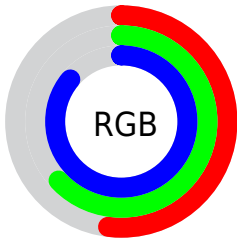
Format	Color
R_{YB}	133, 154, 219
Decimal	8757723
CIE _{Lab}	66.21, 4.74, -32.53
CIE _{LCh}	66, 32.877, 278.290
Yxy	35.5908, 0.2465, 0.2492
Android (android.graphics.Color)	4286947803 (0xFF85A1DB)
YUV	159.2400, 29.4617, -23.0125
Hunter-Lab	59.6580, 0.9306, -29.8272

Details

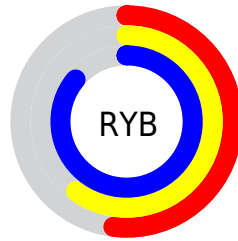
The Hex color **85A1DB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DBBF85**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BDD8FF**, and **4F6EA4** is the 20% darker color. If you saturate the color by 10%, you get **6F92DB**, and if you desaturate by 10%, it is **9BB0DB**.

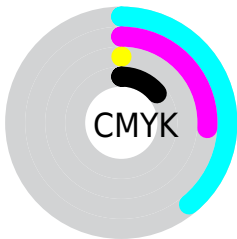
Distribution



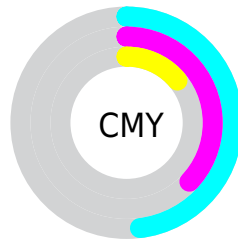
- Red (52%)
- Green (63%)
- Blue (86%)



- Red (52%)
- Yellow (60%)
- Blue (86%)



- Cyan (39%)
- Magenta (26%)
- Yellow (0%)
- Black (14%)



- Cyan (48%)
- Magenta (37%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85A1DB 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 85A1DB by changing the saturation by 10% instead.

 85A1DB

 85A1DB

FFFFFF

 6A87BF

 BDD8FF

 4F6EA4

 D9F4FF

 345689

 F6FFFF

 143F70

 002957

 00153F

 000329

 000113

 000000

 85A1DB

 85A1DB

 6F92DB

 9BB0DB

 5983DB

 B1BFDB

 4375DB

 C7CDDDB

 2D66DB

 DDDCDB

 1857DB

 F3EBDB

 0248DB

 FFFADB

 0047DB

 FFFFDB

Harmonies

Analogous

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



56AAD7



85A1DB



AF96CF

Triad

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



85A1DB



D88F7E



69AF8A

Complementary

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



85A1DB



DBBF85

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.



8DAA72



85A1DB



C7986B

Square

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



85A1DB



DB8A9A



ADA266



46B1A8

Rectangle

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



85A1DB



C590C0



ADA266



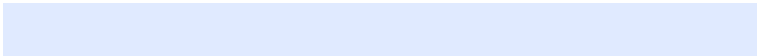
75AE81

Sweetspot

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



85A1DB



E0EAFF



85DBBE



6E7380



000000



808080

Same Dimension

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



85A1DB



87AEFF



9385DB



63666E



0038AD



000F2E

Inverse Universe

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



DB85A1



FF87AE



CDDB85



6E6366



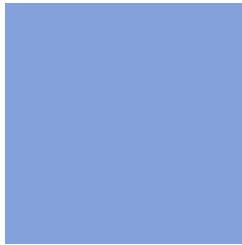
AD0038



2E000F

Previews

White Background



This preview shows how the Hex color 85A1DB looks on a white background.

Color Contrast Check

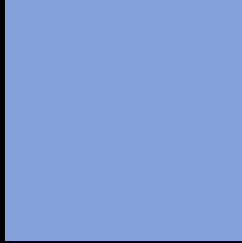
Large Text (above 18pt) WCAG AA × Fail

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 85A1DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

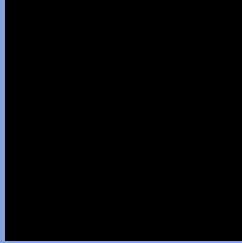
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

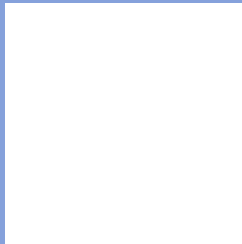
Any Text WCAG AAA ✓ Pass

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

Hex 85A1DB Background



This preview shows how black text looks on a background with the Hex color 85A1DB.



This preview shows how white text looks on a background with the Hex color 85A1DB.

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



Original Color
85A1DB

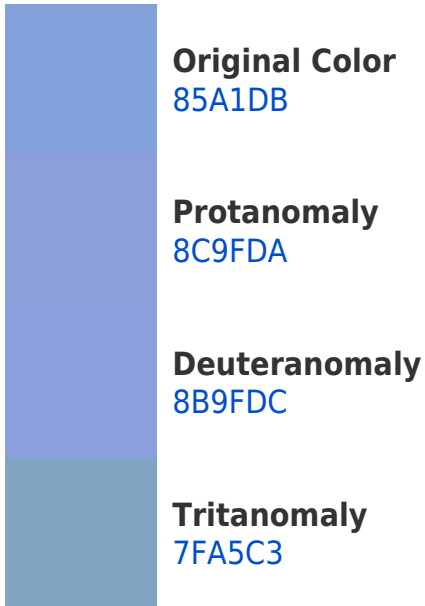
Protanopia
909ED9

Deuteranopia
8E9EDC

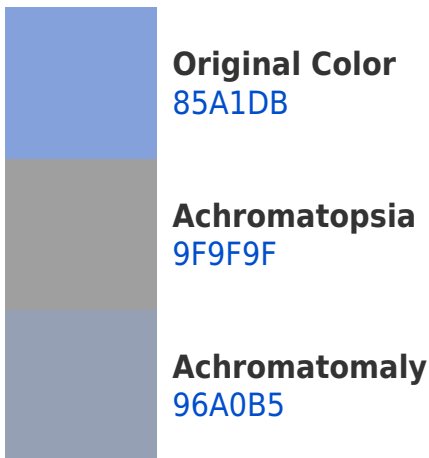


Tritanopia
7CA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85A1DB 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 #85A1DB looks like.

```
.text, #text, p{  
    color:#85A1DB  
}
```

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 #85A1DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85A1DB  
}
```

Border

The CSS property to change the border of an element to Hex 85A1DB 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  
#85A1DB }
```

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

```
.border{ border-color:#85A1DB }
```

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

Here you see how a box with a 4 pixel #85A1DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85A1DB; -webkit-box-shadow:4px 4px  
4px 4px #85A1DB; box-shadow:4px 4px 4px  
4px #85A1DB }
```

Background

The CSS property to change the background color of an element to Hex 85A1DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85A1DB }
```

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

```
.background{ background-color:#85A1DB }
```

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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