

Converting Colors

Hex(85BADDC)

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

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Color

Hex(85BADDC)

Conversions

Conversions Part 1

Format	Color
Hex	85BADC
RGB	133, 186, 220
RGB Percent	52%, 73%, 86%
CMY	0.4784, 0.2706, 0.1373
CMYK	0.40, 0.15, 0.00, 0.14
HSL	203°, 55%, 69%
HSV	203°, 40%, 86%
XYZ	40.1500, 45.2717, 74.3323
YIQ	174.0290, -42.5020, -0.6620

Conversions

Conversions Part 2

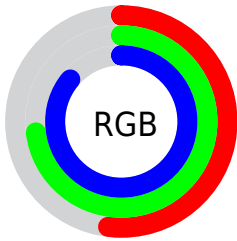
Format	Color
RYB	133, 166, 220
Decimal	8764124
CIELab	73.07, -8.76, -22.53
CIElCh	73, 24.178, 248.753
Yxy	45.2717, 0.2513, 0.2834
Android (android.graphics.Color)	4286954204 (0xFF85BADC)
YUV	174.0290, 22.6637, -35.9824
Hunter-Lab	67.2842, -11.2323, -18.4017

Details

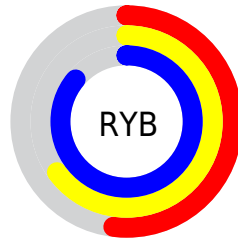
The Hex color **85BADC** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DCA785**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **BDF2FF**, and **4F85A5** is the 20% darker color. If you saturate the color by 10%, you get **6FB1DC**, and if you desaturate by 10%, it is **9BC3DC**.

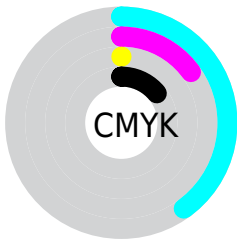
Distribution



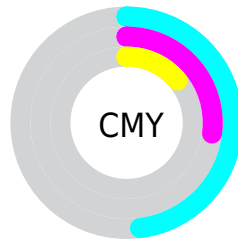
- Red (52%)
- Green (73%)
- Blue (86%)



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



- Cyan (40%)
- Magenta (15%)
- Yellow (0%)
- Black (14%)



- Cyan (48%)
- Magenta (27%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 85BADC

 85BADC

FFFFFF

 6A9FC0

 BDF2FF

 4F85A5

 DAFFFF

 336C8B

 F7FFFF

 115371

 003C58

 002741

 00132B

 000116

 000000

 85BADDC

 85BADDC

 6FB1DC

 9BC3DC

 59A9DC

 B1CBDC

 43A0DC

 C7D4DC

 2D98DC

 DDDCDC

 178FDC

 F3E5DC

 0186DC

 FFEEDC

 0086DC

 FFF6DC

 FFFFDC

Harmonies

Analogous

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



75BECE



85BADC



A2B3DF

Triad

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



85BADC



E0A3AE



A5BA90

Complementary

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



85BADC



DCA785

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.



BDB488



85BADC



DEA699

Square

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



85BADC



D5A5C4



D2AD8B



8CBFA3

Rectangle

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



85BADC



B6AEDA



D2AD8B



ADB88C

Sweetspot

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



85BADC



E0F3FF



85DCA6



6E7980



000000



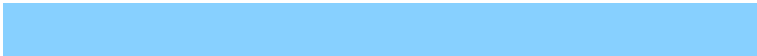
808080

Same Dimension

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



85BADC



87D0FF



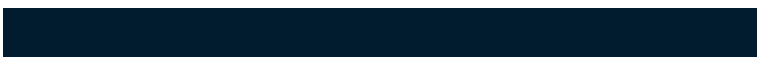
858FDC



63696E



006AAD



001C2E

Inverse Universe

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



DC85BA



FF87D0



DCD285



6E6369



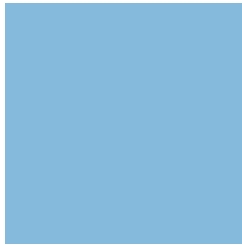
AD006A



2E001C

Previews

White Background



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

Color Contrast Check

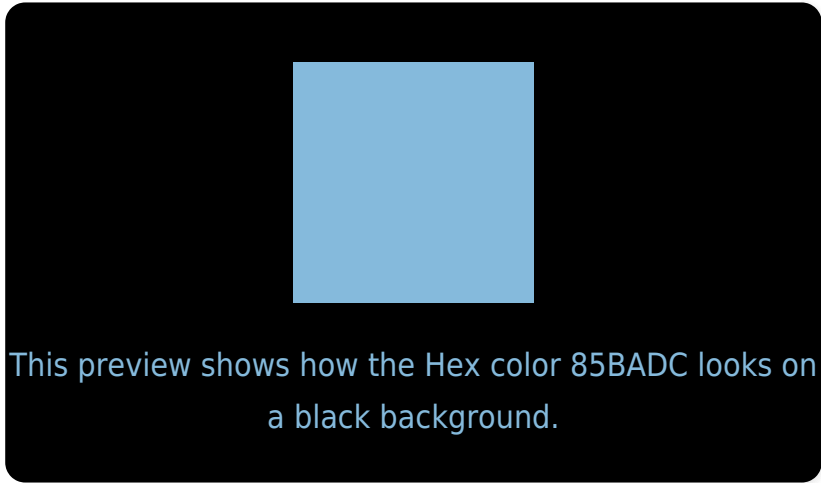
Large Text (above 18pt) WCAG AA × Fail

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

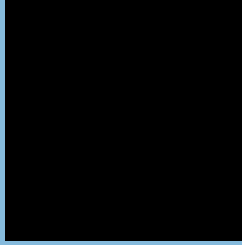
Any Text WCAG AA ✓ Pass

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 85BADC Background



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

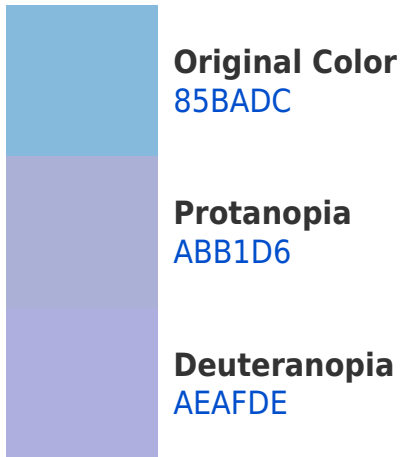


This preview shows how white text looks on a background with the Hex color 85BADC.

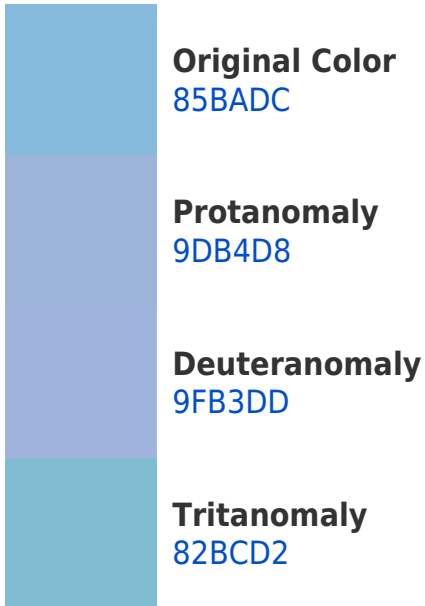
Color Blindness Simulation

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](#).

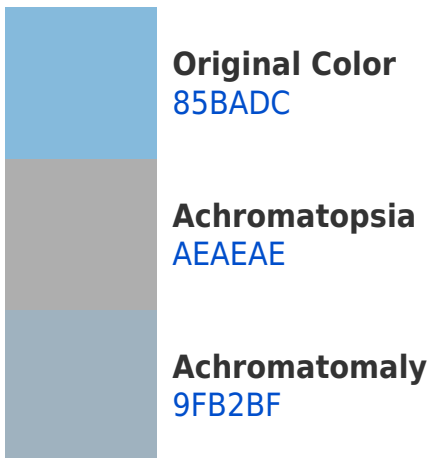
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #85BADC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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