

Converting Colors

Hex(83AEDF)

Have a look what the booklet for
Hex(83AEDF) contains.

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Color

Hex(83AEDF)

Conversions

Conversions Part 1

Format	Color
Hex	83AEDF
RGB	131, 174, 223
RGB Percent	51%, 68%, 87%
CMY	0.4863, 0.3176, 0.1255
CMYK	0.41, 0.22, 0.00, 0.13
HSL	212°, 59%, 69%
HSV	212°, 41%, 87%
XYZ	37.8154, 40.4251, 75.6218
YIQ	166.7290, -41.3570, 6.1230

Conversions

Conversions Part 2

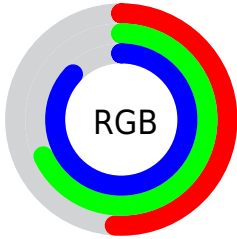
Format	Color
R_{YB}	131, 160, 223
Decimal	8629983
CIE _{Lab}	69.77, -1.96, -29.24
CIE _{LCh}	70, 29.301, 266.167
Yxy	40.4251, 0.2458, 0.2627
Android (android.graphics.Color)	4286820063 (0xFF83AEDF)
YUV	166.7290, 27.7416, -31.3343
Hunter-Lab	63.5807, -5.1013, -26.0119

Details

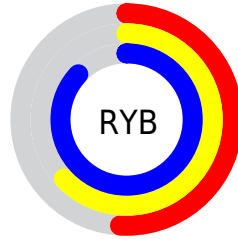
The Hex color **83AEDF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DFB483**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BBE5FF**, and **4C7AA8** is the 20% darker color. If you saturate the color by 10%, you get **6DA2DF**, and if you desaturate by 10%, it is **99BADF**.

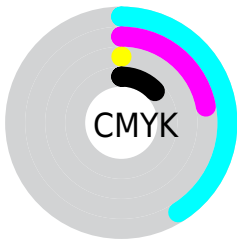
Distribution



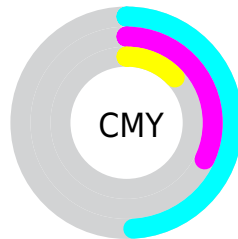
- Red (51%)
- Green (68%)
- Blue (87%)



- Red (51%)
- Yellow (63%)
- Blue (87%)



- Cyan (41%)
- Magenta (22%)
- Yellow (0%)
- Black (13%)



- Cyan (49%)
- Magenta (32%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83AEDF 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 83AEDF by changing the saturation by 10% instead.

■ 83AEDF

■ 83AEDF

FFFFFF

■ 6893C3

■ BBE5FF

■ 4C7AA8

■ D8FFFF

■ 30618D

■ F5FFFF

■ 0B4973

■ 00335B

■ 001E43

■ 00032D

■ 000117

■ 000000

83AEDF

83AEDF

6DA2DF

99BADF

5696DF

B0C6DF

408ADF

C6D2DF

2A7EDF

DCDEDF

1373DF

F3E9DF

0068DF

FFF5DF

FFFFDF

Harmonies

Analogous

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



61B5D6



83AEDF



AAA5DA

Triad

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



83AEDF



E09894



86B68C

Complementary

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



83AEDF



DFB483

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.



A5B07A



83AEDF



D59F7F

Square

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



83AEDF



DC97AF



C1A876



69B9A6

Rectangle

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



83AEDF



C09FCF



C1A876



91B485

Sweetspot

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



83AEDF



E0EFFF



83DFB3



6E7680



000000



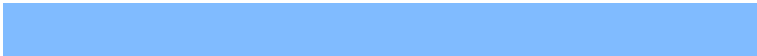
808080

Same Dimension

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



83AEDF



80BBFF



8583DF



656A70



0052B0



001730

Inverse Universe

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



DF83AE



FF80BB



DDDF83



70656A



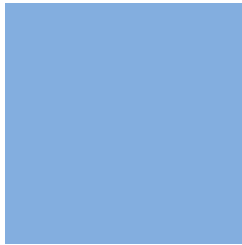
B00052



300017

Previews

White Background



This preview shows how the Hex color 83AEDF looks on a white background.

Color Contrast Check

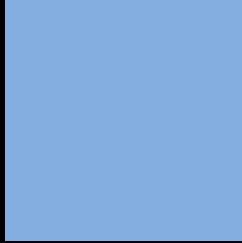
Large Text (above 18pt) WCAG AA × Fail

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 83AEDF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

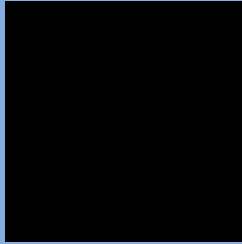
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

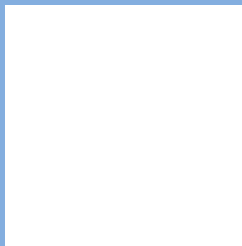
Any Text WCAG AAA ✓ Pass

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

Hex 83AEDF Background



This preview shows how black text looks on a background with the Hex color 83AEDF.

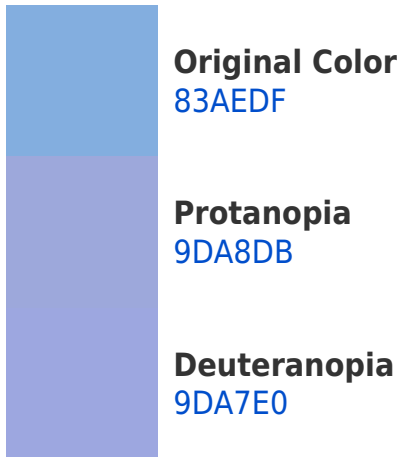


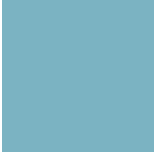
This preview shows how white text looks on a background with the Hex color 83AEDF.

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](#).

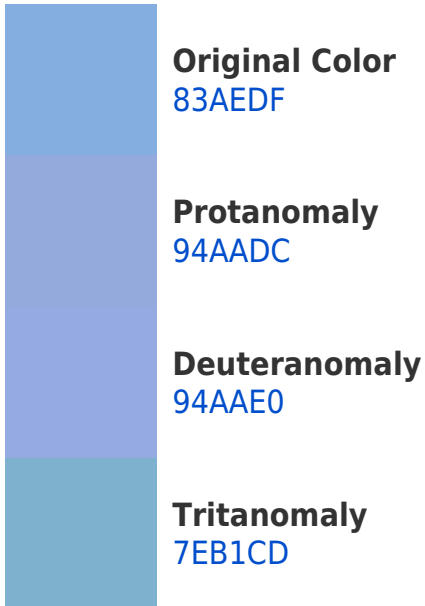
Dichromacy



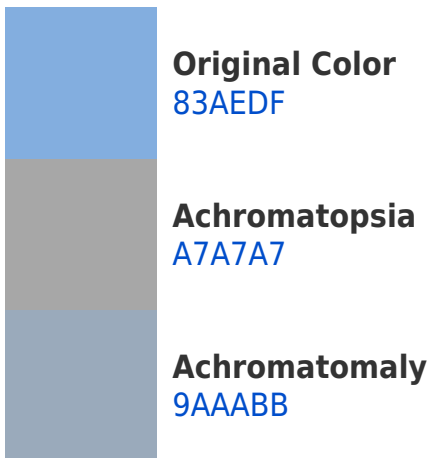


Tritanopia
7BB3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83AEDF 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 #83AEDF looks like.

```
.text, #text, p{  
    color:#83AEDF  
}
```

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 #83AEDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83AEDF
}
```

Border

The CSS property to change the border of an element to Hex 83AEDF 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
#83AEDF }
```

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

```
.border{ border-color:#83AEDF }
```

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

Here you see how a box with a 4 pixel #83AEDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83AEDF; -webkit-box-shadow:4px 4px  
4px 4px #83AEDF; box-shadow:4px 4px 4px  
4px #83AEDF }
```

Background

The CSS property to change the background color of an element to Hex 83AEDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83AEDF }
```

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

```
.background{ background-color:#83AEDF }
```

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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