

Converting Colors

Hex(83B5DF)

Have a look what the booklet for
Hex(83B5DF) contains.

Hex(83B5DF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(83B5DF)

Conversions

Conversions Part 1

Format	Color
Hex	83B5DF
RGB	131, 181, 223
RGB Percent	51%, 71%, 87%
CMY	0.4863, 0.2902, 0.1255
CMYK	0.41, 0.19, 0.00, 0.13
HSL	207°, 59%, 69%
HSV	207°, 41%, 87%
XYZ	39.2032, 43.2008, 76.0844
YIQ	170.8380, -43.2820, 2.4620

Conversions

Conversions Part 2

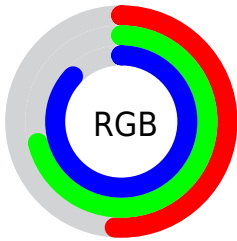
Format	Color
R_{YB}	131, 163, 223
Decimal	8631775
CIE _{Lab}	71.69, -5.79, -26.29
CIE _{LCh}	72, 26.915, 257.580
Yxy	43.2008, 0.2474, 0.2726
Android (android.graphics.Color)	4286821855 (0xFF83B5DF)
YUV	170.8380, 25.7159, -34.9379
Hunter-Lab	65.7273, -8.5559, -22.6236

Details

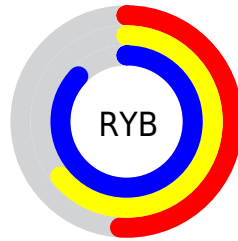
The Hex color **83B5DF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DFAD83**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **BBEDFF**, and **4C80A8** is the 20% darker color. If you saturate the color by 10%, you get **6DABDF**, and if you desaturate by 10%, it is **99BFDF**.

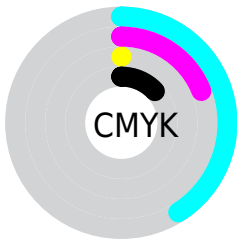
Distribution



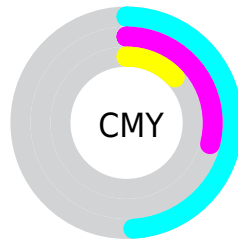
- Red (51%)
- Green (71%)
- Blue (87%)



- Red (51%)
- Yellow (64%)
- Blue (87%)



- Cyan (41%)
- Magenta (19%)
- Yellow (0%)
- Black (13%)



- Cyan (49%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83B5DF 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 83B5DF by changing the saturation by 10% instead.

 83B5DF

 83B5DF

FFFFFF

 689AC3

 BBEDFF

 4C80A8

 D8FFFF

 30678D

 F5FFFF

 0A4F73

 00395B

 002343

 000D2D

 000117

 000000

83B5DF

83B5DF

6DABDF

99BFDF

56A1DF

B0C9DF

4096DF

C6D4DF

2A8CDF

DCDEDF

1382DF

F3E8DF

0079DF

FFF2DF

FFFCDF

FFFFDF

Harmonies

Analogous

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



6ABB D3



83B5 DF



A6AD DE

Triad

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



83B5DF



E29EA2



97B98E

Complementary

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



83B5DF



DFAD83

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.



B3B381



83B5DF



DCA38C

Square

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



83B5DF



DA9FBB



CBAB80



7BBDA4

Rectangle

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



83B5DF



BBA7D7



CBAB80



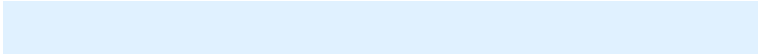
A0B788

Sweetspot

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



83B5DF



E0F1FF



83DFAC



6E7780



000000



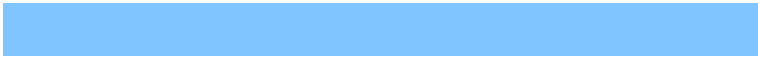
808080

Same Dimension

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



83B5DF



80C5FF



8388DF



656B70



0060B0



001A30

Inverse Universe

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



DF83B5



FF80C5



DFDA83



70656B



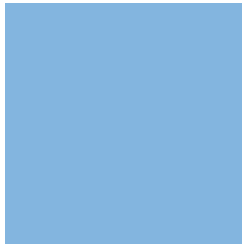
B00060



30001A

Previews

White Background



This preview shows how the Hex color 83B5DF looks on a white background.

Color Contrast Check

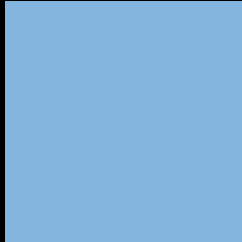
Large Text (above 18pt) WCAG AA × Fail

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 83B5DF 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 83B5DF Background



This preview shows how black text looks on a background with the Hex color 83B5DF.

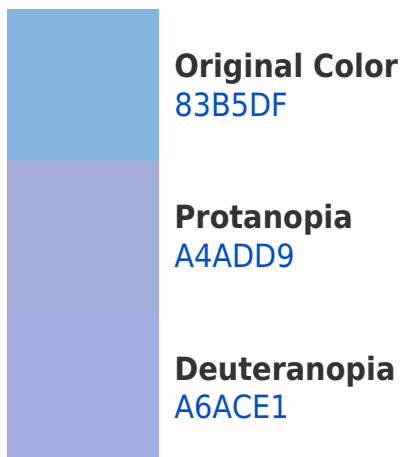


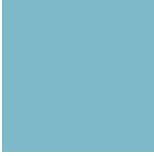
This preview shows how white text looks on a background with the Hex color 83B5DF.

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](#).

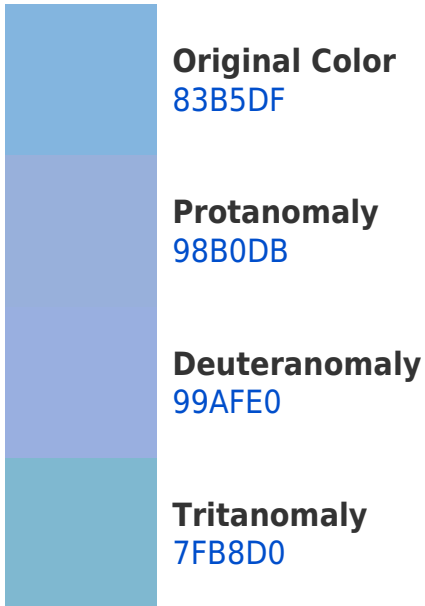
Dichromacy



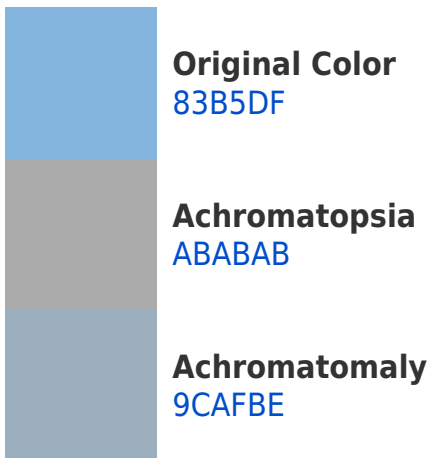


Tritanopia
7DB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83B5DF 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 #83B5DF looks like.

```
.text, #text, p{  
    color:#83B5DF  
}
```

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 #83B5DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B5DF
}
```

Border

The CSS property to change the border of an element to Hex 83B5DF 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
#83B5DF }
```

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

```
.border{ border-color:#83B5DF }
```

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

Here you see how a box with a 4 pixel #83B5DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B5DF; -webkit-box-shadow:4px 4px  
4px 4px #83B5DF; box-shadow:4px 4px 4px  
4px #83B5DF }
```

Background

The CSS property to change the background color of an element to Hex 83B5DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B5DF }
```

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

```
.background{ background-color:#83B5DF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor