

Converting Colors

Hex(83C3CF)

Have a look what the booklet for
Hex(83C3CF) contains.

Hex(83C3CF)	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(83C3CF)

Conversions

Conversions Part 1

Format	Color
Hex	83C3CF
RGB	131, 195, 207
RGB Percent	51%, 76%, 81%
CMY	0.4863, 0.2353, 0.1882
CMYK	0.37, 0.06, 0.00, 0.19
HSL	189°, 44%, 66%
HSV	189°, 37%, 81%
XYZ	40.1377, 48.3605, 66.2505
YIQ	177.2320, -41.9960, -9.8360

Conversions

Conversions Part 2

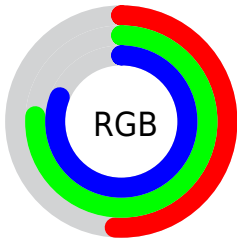
Format	Color
RYB	131, 166, 207
Decimal	8635343
CIELab	75.05, -17.34, -12.49
CIELCh	75, 21.370, 215.763
Yxy	48.3605, 0.2594, 0.3125
Android (android.graphics.Color)	4286825423 (0xFF83C3CF)
YUV	177.2320, 14.6756, -40.5455
Hunter-Lab	69.5417, -18.6725, -7.8048

Details

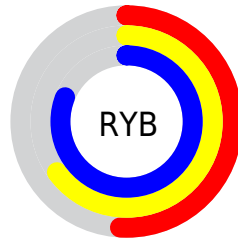
The Hex color **83C3CF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CF8F83**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **BBFCFF**, and **4D8D99** is the 20% darker color. If you saturate the color by 10%, you get **6EC0CF**, and if you desaturate by 10%, it is **98C6CF**.

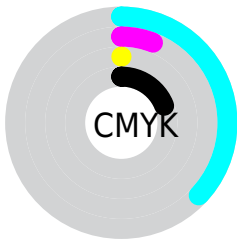
Distribution



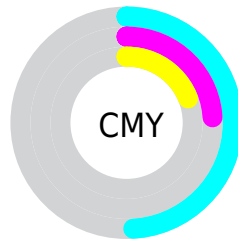
- Red (51%)
- Green (76%)
- Blue (81%)



- Red (51%)
- Yellow (65%)
- Blue (81%)



- Cyan (37%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)



- Cyan (49%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83C3CF 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 83C3CF by changing the saturation by 10% instead.

 83C3CF

 83C3CF

FFFFFF

 68A8B3

 BBFCFF

 4D8D99

 D7FFFF

 31747F

 F4FFFF

 105B66

 00434E

 002D37

 001A22

 00000A

 000000

 83C3CF

 83C3CF

 6EC0CF

 98C6CF

 5ABCCF

 ACCACF

 45B9CF

 C1CDCF

 30B6CF

 D6D0CF

 1BB3CF

 EBD3CF

 07AFCF

 FFD7CF

 00AECF

 FFDACF

 FFDDCF

 FFE0CF

Harmonies

Analogous

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



87C4BC



83C3CF



8FBFDC

Triad

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



83C3CF



D6ADC9



C4B992

Complementary

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



83C3CF



CF8F83

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.



D6B295



83C3CF



E1ABB6

Square

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



83C3CF



C1B2D9



E0ADA3



AEBF99

Rectangle

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



83C3CF



9EBBE0



E0ADA3



CBB692

Sweetspot

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



83C3CF



E3FBFF



83CF8E



6F7D80



000000



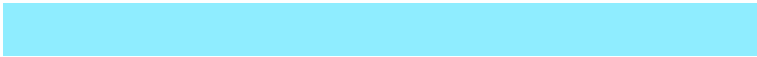
808080

Same Dimension

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



83C3CF



8FEDFF



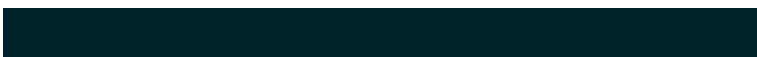
839ECF



5E6769



008EA8



002229

Inverse Universe

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



CF83C3



FF8FED



CFB483



695E67



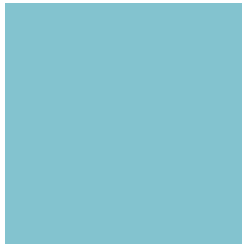
A8008E



290022

Previews

White Background



This preview shows how the Hex color 83C3CF looks on a white background.

Color Contrast Check

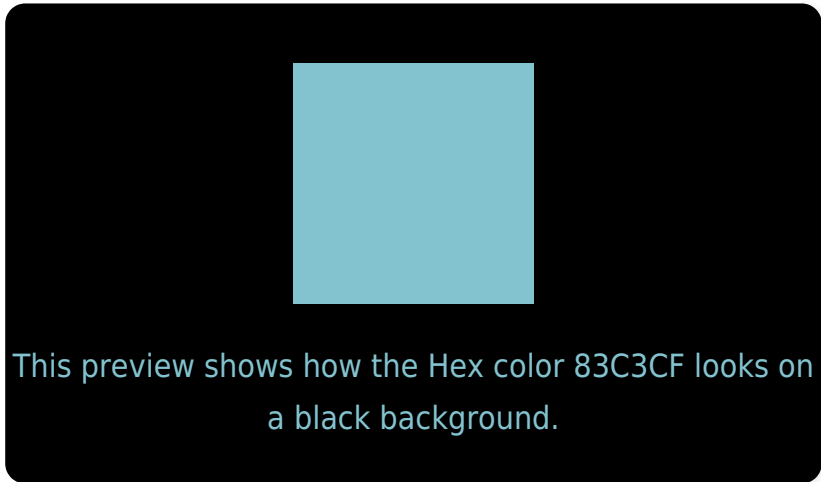
Large Text (above 18pt) WCAG AA × Fail

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

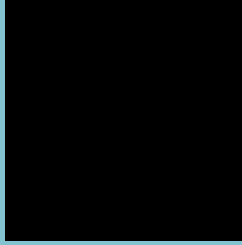
Any Text WCAG AA ✓ Pass

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 83C3CF Background



This preview shows how black text looks on a background with the Hex color 83C3CF.



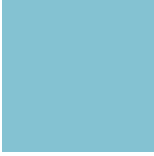
This preview shows how white text looks on a background with the Hex color 83C3CF.

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](#).

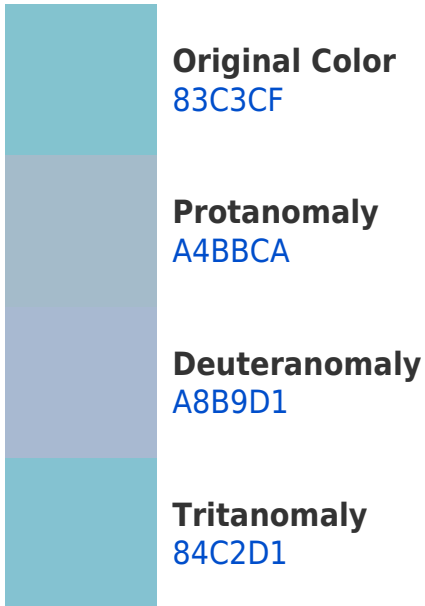
Dichromacy



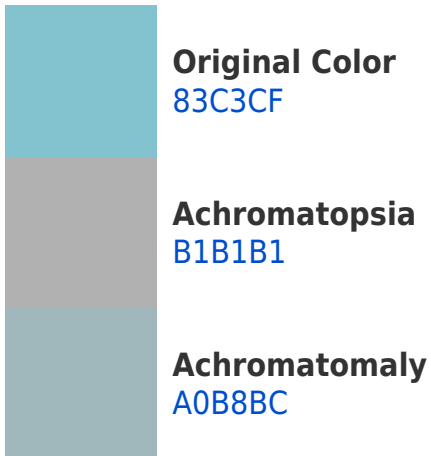


Tritanopia
84C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83C3CF 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 #83C3CF looks like.

```
.text, #text, p{  
    color:#83C3CF  
}
```

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 #83C3CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C3CF
}
```

Border

The CSS property to change the border of an element to Hex 83C3CF 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
#83C3CF }
```

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

```
.border{ border-color:#83C3CF }
```

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

Here you see how a box with a 4 pixel #83C3CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C3CF; -webkit-box-shadow:4px 4px  
4px 4px #83C3CF; box-shadow:4px 4px 4px  
4px #83C3CF }
```

Background

The CSS property to change the background color of an element to Hex 83C3CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C3CF }
```

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

```
.background{ background-color:#83C3CF }
```

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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