

Converting Colors

Hex(83ABCF)

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

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Color

Hex(83ABCF)

Conversions

Conversions Part 1

Format	Color
Hex	83ABCF
RGB	131, 171, 207
RGB Percent	51%, 67%, 81%
CMY	0.4863, 0.3294, 0.1882
CMYK	0.37, 0.17, 0.00, 0.19
HSL	208°, 44%, 66%
HSV	208°, 37%, 81%
XYZ	35.1855, 38.4561, 64.5998
YIQ	163.1440, -35.3960, 2.7160

Conversions

Conversions Part 2

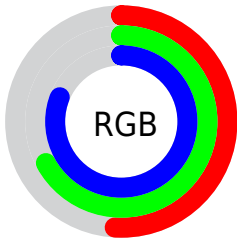
Format	Color
RYB	131, 157, 207
Decimal	8629199
CIELab	68.36, -4.59, -22.62
CIELCh	68, 23.076, 258.535
Yxy	38.4561, 0.2545, 0.2782
Android (android.graphics.Color)	4286819279 (0xFF83ABCF)
YUV	163.1440, 21.6210, -28.1903
Hunter-Lab	62.0130, -7.2439, -18.3541

Details

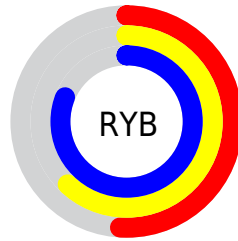
The Hex color **83ABCF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CFA783**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BAE2FF**, and **4E7799** is the 20% darker color. If you saturate the color by 10%, you get **6EA1CF**, and if you desaturate by 10%, it is **98B5CF**.

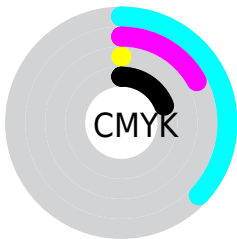
Distribution



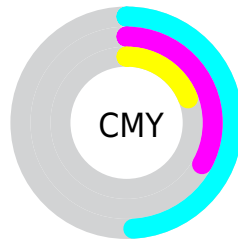
- Red (51%)
- Green (67%)
- Blue (81%)



- Red (51%)
- Yellow (62%)
- Blue (81%)



- Cyan (37%)
- Magenta (17%)
- Yellow (0%)
- Black (19%)



- Cyan (49%)
- Magenta (33%)
- Yellow (19%)

Brightness & Saturation Gradients

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

■ 83ABCF

■ 83ABCF

FFFFFF

■ 6891B3

■ BAE2FF

■ 4E7799

■ D7FFFF

■ 335E7F

■ F4FFFF

■ 164765

■ 00304D

■ 001C36

■ 000221

■ 000006

■ 000000

■ 83ABCF

■ 83ABCF

■ 6EA1CF

■ 98B5CF

■ 5A97CF

■ ACBF CF

■ 458ECF

■ C1C8CF

■ 3084CF

■ D6D2CF

■ 1B7ACF

■ EBDCCF

■ 0770CF

■ FFE6CF

■ 006DCF

■ FFF0CF

■ FFF9CF

■ FFFF CF

Harmonies

Analogous

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



6FB0C5



83ABCF



9FA4CE

Triad

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



83ABCF



D2989A



91AF8B

Complementary

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



83ABCF



CFA783

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.



A9A97F



83ABCF



CC9C88

Square

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



83ABCF



CB98B0



BEA37E



7AB29E

Rectangle

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



83ABCF



B29FC7



BEA37E



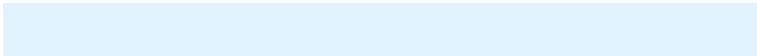
99AD86

Sweetspot

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



83ABCF



E3F2FF



83CFA6



6F7880



000000



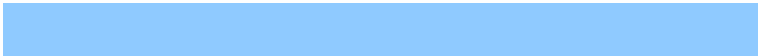
808080

Same Dimension

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



83ABCF



8FCAFF



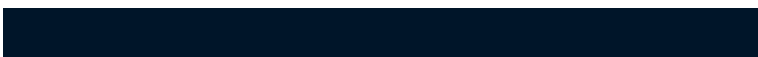
8386CF



5E6469



0059A8



001529

Inverse Universe

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



CF83AB



FF8FCA



CFCC83



695E64



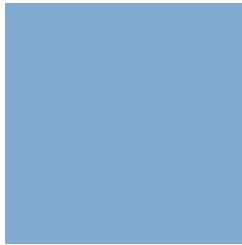
A80059



290015

Previews

White Background



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

Color Contrast Check

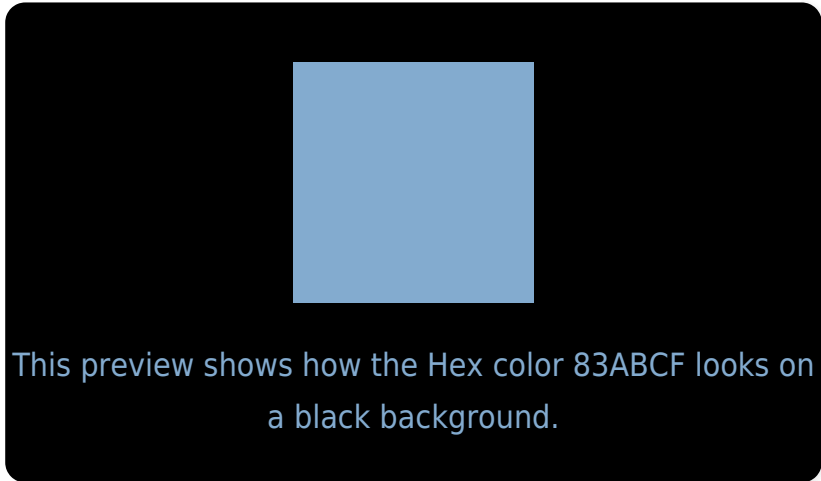
Large Text (above 18pt) WCAG AA × Fail

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

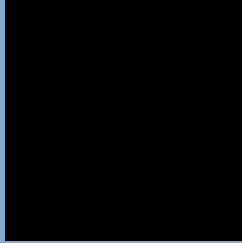
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

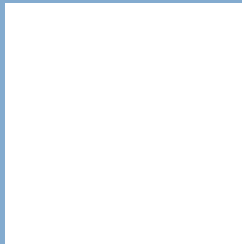
Any Text WCAG AAA ✓ Pass

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

Hex 83ABCF Background



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

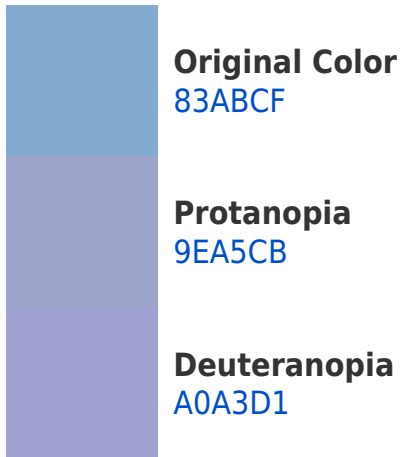


This preview shows how white text looks on a background with the Hex color 83ABCF.

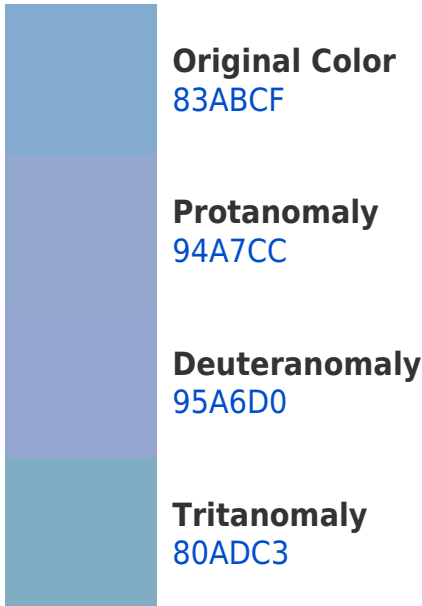
Color Blindness Simulation

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](#).

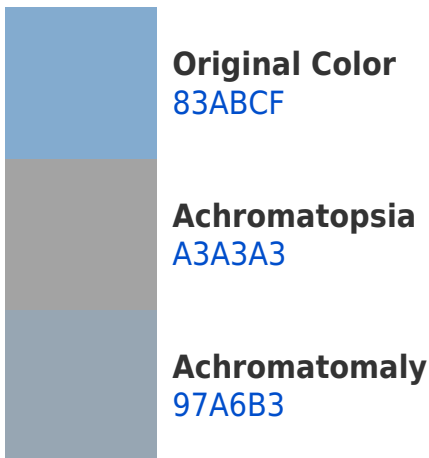
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #83ABCF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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