

Converting Colors

Hex(83B6CE)

Have a look what the booklet for
Hex(83B6CE) contains.

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Color

Hex(83B6CE)

Conversions

Conversions Part 1

Format	Color
Hex	83B6CE
RGB	131, 182, 206
RGB Percent	51%, 71%, 81%
CMY	0.4863, 0.2863, 0.1922
CMYK	0.36, 0.12, 0.00, 0.19
HSL	199°, 43%, 66%
HSV	199°, 36%, 81%
XYZ	37.2286, 42.7374, 64.6795
YIQ	169.4870, -38.1000, -3.3480

Conversions

Conversions Part 2

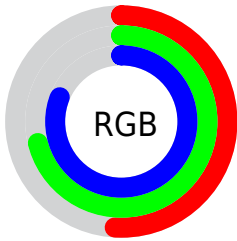
Format	Color
RYB	131, 161, 206
Decimal	8632014
CIELab	71.38, -10.79, -17.48
CIElCh	71, 20.538, 238.309
Yxy	42.7374, 0.2574, 0.2955
Android (android.graphics.Color)	4286822094 (0xFF83B6CE)
YUV	169.4870, 18.0009, -33.7531
Hunter-Lab	65.3739, -12.7535, -12.8986

Details

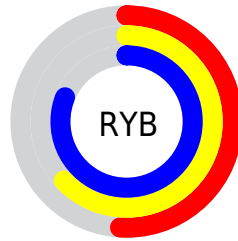
The Hex color **83B6CE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CE9B83**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **BAEEFF**, and **4E8198** is the 20% darker color. If you saturate the color by 10%, you get **6EAFCE**, and if you desaturate by 10%, it is **98BDCE**.

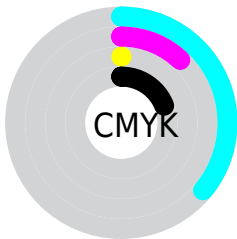
Distribution



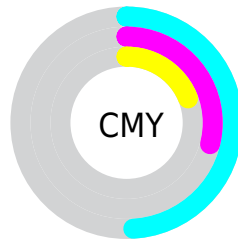
- Red (51%)
- Green (71%)
- Blue (81%)



- Red (51%)
- Yellow (63%)
- Blue (81%)



- Cyan (36%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)



- Cyan (49%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83B6CE 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 83B6CE by changing the saturation by 10% instead.

 83B6CE

 83B6CE

FFFFFF

 689BB2

 BAEEFF

 4E8198

 D7FFFF

 33687E

 F4FFFF

 155065

 00394D

 002336

 000B21

 000006

 000000

83B6CE

83B6CE

6EAFCE

98BDCE

5AA9CE

ACC3CE

45A2CE

C1CACE

319CCE

D5D0CE

1C95CE

EAD7CE

078ECE

FFDECE

008CCE

FFE4CE

FFEBCE

FFF1CE

Harmonies

Analogous

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



7BB9C0



83B6CE



98B1D4

Triad

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



83B6CE



D3A2B1



AAB38E

Complementary

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



83B6CE



CE9B83

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.



BEAD8A



83B6CE



D5A39E

Square

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



83B6CE



C6A5C3



CEA790



95B79B

Rectangle

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



83B6CE



A8ADD2



CEA790



B1B18B

Sweetspot

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



83B6CE



E3F6FF



83CE9B



6F7A80



000000



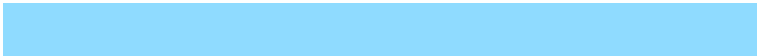
808080

Same Dimension

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



83B6CE



8FDBFF



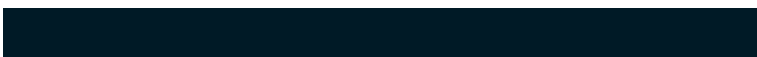
8391CE



5C6366



0071A6



001A26

Inverse Universe

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



CE83B6



FF8FDB



CEC083



665C63



A60071



26001A

Previews

White Background



This preview shows how the Hex color 83B6CE looks on a white background.

Color Contrast Check

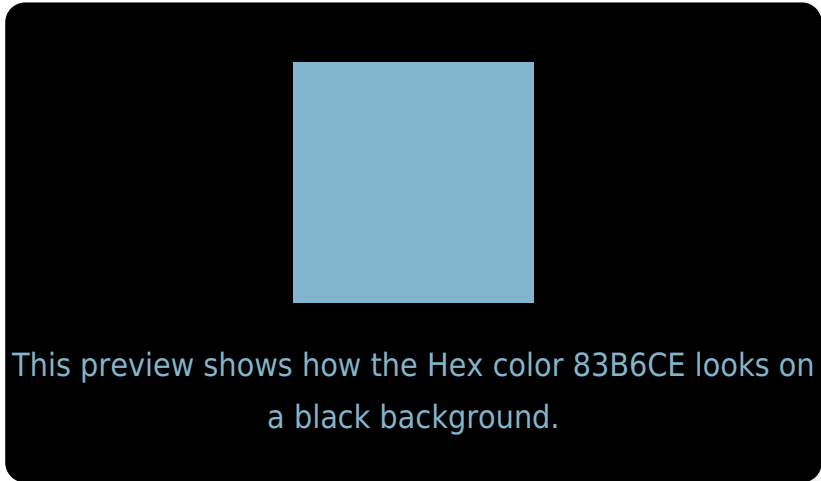
Large Text (above 18pt) WCAG AA × Fail

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

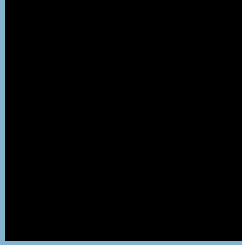
Any Text WCAG AA ✓ Pass

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 83B6CE Background



This preview shows how black text looks on a background with the Hex color 83B6CE.

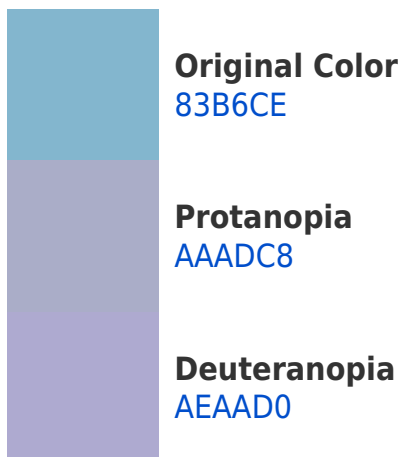


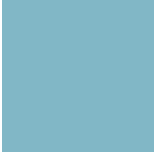
This preview shows how white text looks on a background with the Hex color 83B6CE.

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](#).

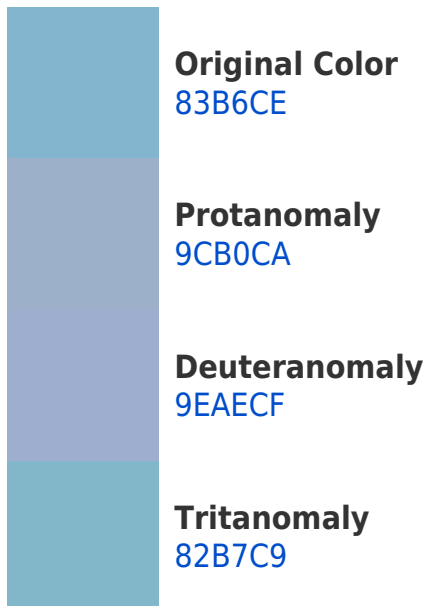
Dichromacy





Tritanopia
81B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83B6CE 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 #83B6CE looks like.

```
.text, #text, p{  
    color:#83B6CE  
}
```

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 #83B6CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B6CE
}
```

Border

The CSS property to change the border of an element to Hex 83B6CE 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
#83B6CE }
```

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

```
.border{ border-color:#83B6CE }
```

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

Here you see how a box with a 4 pixel #83B6CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B6CE; -webkit-box-shadow:4px 4px  
4px 4px #83B6CE; box-shadow:4px 4px 4px  
4px #83B6CE }
```

Background

The CSS property to change the background color of an element to Hex 83B6CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B6CE }
```

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

```
.background{ background-color:#83B6CE }
```

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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