

Converting Colors

Hex(83A6CE)

Have a look what the booklet for
Hex(83A6CE) contains.

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Color

Hex(83A6CE)

Conversions

Conversions Part 1

Format	Color
Hex	83A6CE
RGB	131, 166, 206
RGB Percent	51%, 65%, 81%
CMY	0.4863, 0.3490, 0.1922
CMYK	0.36, 0.19, 0.00, 0.19
HSL	212°, 43%, 66%
HSV	212°, 36%, 81%
XYZ	34.1369, 36.5540, 63.6489
YIQ	160.0950, -33.7000, 5.0200

Conversions

Conversions Part 2

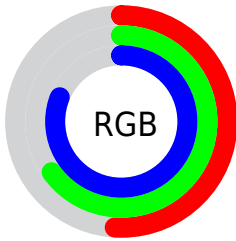
Format	Color
RYB	131, 155, 206
Decimal	8627918
CIELab	66.94, -2.09, -24.23
CIElCh	67, 24.316, 265.063
Yxy	36.5540, 0.2541, 0.2721
Android (android.graphics.Color)	4286817998 (0xFF83A6CE)
YUV	160.0950, 22.6312, -25.5163
Hunter-Lab	60.4599, -5.0201, -20.0954

Details

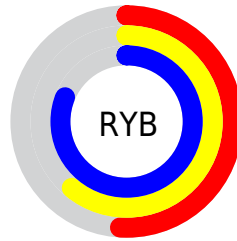
The Hex color **83A6CE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CEAB83**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BADDFF**, and **4E7298** is the 20% darker color. If you saturate the color by 10%, you get **6E9BCE**, and if you desaturate by 10%, it is **98B1CE**.

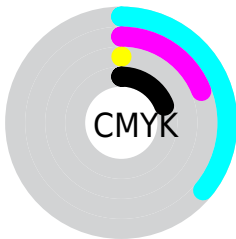
Distribution



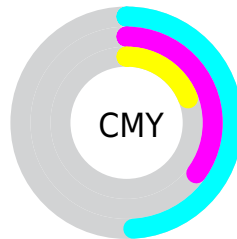
- Red (51%)
- Green (65%)
- Blue (81%)



- Red (51%)
- Yellow (61%)
- Blue (81%)



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



- Cyan (49%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83A6CE 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 83A6CE by changing the saturation by 10% instead.

■ 83A6CE

■ 83A6CE

FFFFFF

■ 688CB2

■ BADDFF

■ 4E7298

■ D6F9FF

■ 345A7E

■ F3FFFF

■ 174364

■ 002D4C

■ 001835

■ 000220

■ 000004

■ 000000

83A6CE

83A6CE

6E9BCE

98B1CE

5A90CE

ACBCCE

4585CE

C1C7CE

317ACE

D5D2CE

1C6FCE

EADDCE

0764CE

FFE8CE

0060CE

FFF3CE

FFFECE

FFFFCE

Harmonies

Analogous

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



6AACC6



83A6CE



A29FCA

Triad

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



83A6CE



CF9491



86AC89

Complementary

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



83A6CE



CEAB83

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.



A0A77B



83A6CE



C79980

Square

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



83A6CE



CC93A7



B6A078



6FAF9E

Rectangle

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



83A6CE



B49AC2



B6A078



8FAB83

Sweetspot

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



83A6CE



E3F0FF



83CEAB



6F7780



000000



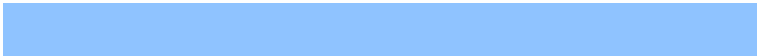
808080

Same Dimension

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



83A6CE



8FC3FF



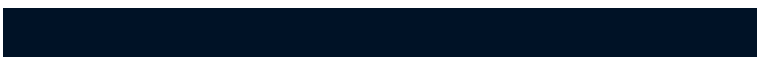
8583CE



5C6166



004DA6



001226

Inverse Universe

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



CE83A6



FF8FC3



CCCE83



665C61



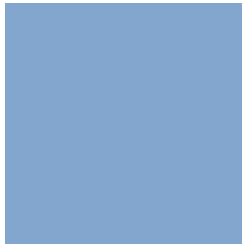
A6004D



260012

Previews

White Background



This preview shows how the Hex color 83A6CE looks on a white background.

Color Contrast Check

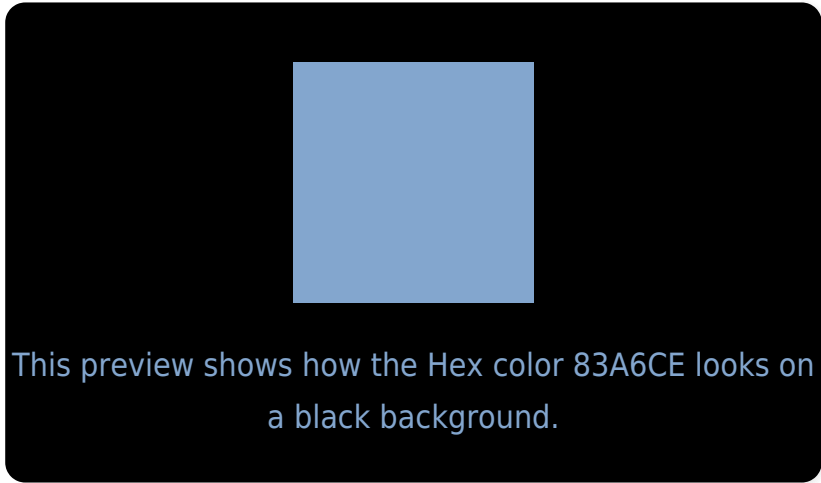
Large Text (above 18pt) WCAG AA × Fail

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

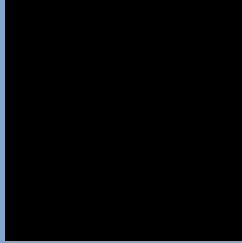
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

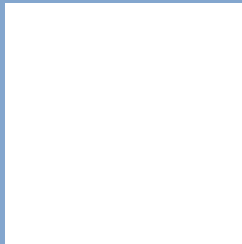
Any Text WCAG AAA ✓ Pass

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

Hex 83A6CE Background



This preview shows how black text looks on a background with the Hex color 83A6CE.

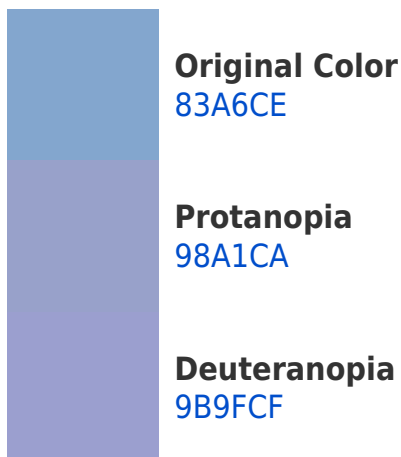


This preview shows how white text looks on a background with the Hex color 83A6CE.

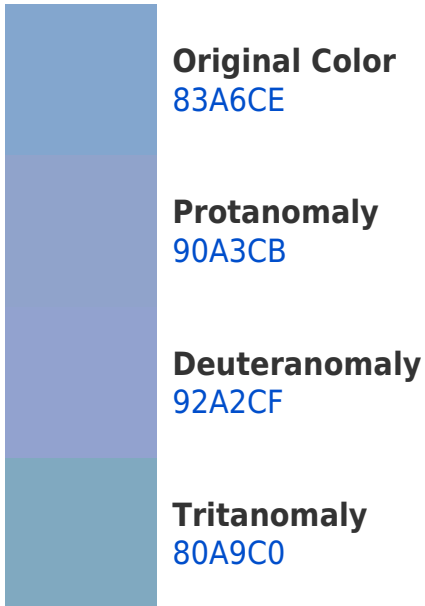
Color Blindness Simulation

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](#).

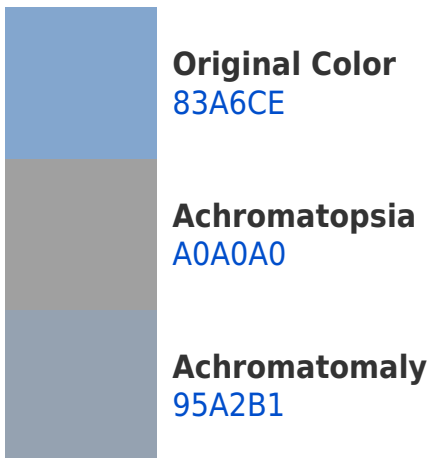
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83A6CE 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 #83A6CE looks like.

```
.text, #text, p{  
    color:#83A6CE  
}
```

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 #83A6CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A6CE
}
```

Border

The CSS property to change the border of an element to Hex 83A6CE 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
#83A6CE }
```

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

```
.border{ border-color:#83A6CE }
```

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

Here you see how a box with a 4 pixel #83A6CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A6CE; -webkit-box-shadow:4px 4px  
4px 4px #83A6CE; box-shadow:4px 4px 4px  
4px #83A6CE }
```

Background

The CSS property to change the background color of an element to Hex 83A6CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A6CE }
```

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

```
.background{ background-color:#83A6CE }
```

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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