

Converting Colors

Hex(83BCCB)

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

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Color

Hex(83BCCB)

Conversions

Conversions Part 1

Format	Color
Hex	83BCCB
RGB	131, 188, 203
RGB Percent	51%, 74%, 80%
CMY	0.4863, 0.2627, 0.2039
CMYK	0.35, 0.07, 0.00, 0.20
HSL	192°, 41%, 65%
HSV	192°, 35%, 80%
XYZ	38.1228, 45.1035, 63.1965
YIQ	172.6670, -38.7870, -7.4190

Conversions

Conversions Part 2

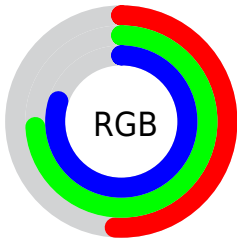
Format	Color
RYB	131, 163, 203
Decimal	8633547
CIELab	72.96, -14.71, -13.45
CIElCh	73, 19.932, 222.440
Yxy	45.1035, 0.2604, 0.3080
Android (android.graphics.Color)	4286823627 (0xFF83BCCB)
YUV	172.6670, 14.9542, -36.5420
Hunter-Lab	67.1592, -16.2033, -8.7802

Details

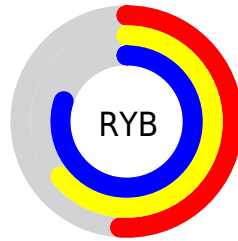
The Hex color **83BCCB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CB9283**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **BAF4FF**, and **4E8795** is the 20% darker color. If you saturate the color by 10%, you get **6FB8CB**, and if you desaturate by 10%, it is **97C0CB**.

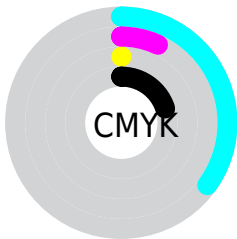
Distribution



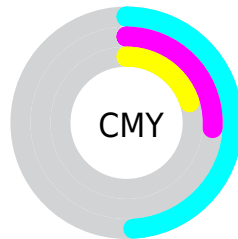
- Red (51%)
- Green (74%)
- Blue (80%)



- Red (51%)
- Yellow (64%)
- Blue (80%)



- Cyan (35%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (49%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 83BCCB

 83BCCB

FFFFFF

 68A1B0

 BAF4FF

 4E8795

 D7FFFF

 336D7B

 F4FFFF

 155562

 003E4A

 002834

 00131F

 000003

 000000

 83BCCB

 83BCCB

 6FB8CB

 97C0CB

 5AB4CB

 ACC4CB

 46AFCB

 C0C9CB

 32ABCB

 D4CDCB

 1EA7CB

 E9D1CB

 09A3CB

 FDD5CB

 00A1CB

 FFDACB

 FFDECB

 FFE2CB

Harmonies

Analogous

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



84BEBA



83BCCB



91B8D5

Triad

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



83BCCB



D1A7BF



B9B48F

Complementary

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



83BCCB



CB9283

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.



CBAE91



83BCCB



D9A6AC

Square

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



83BCCB



C0ACCE



D7A99B



A5B998

Rectangle

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



83BCCB



A0B4D7



D7A99B



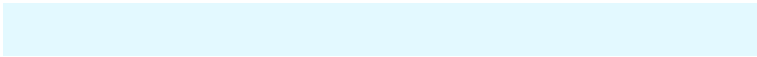
C0B28F

Sweetspot

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



83BCCB



E3F9FF



83CB91



6F7C80



000000



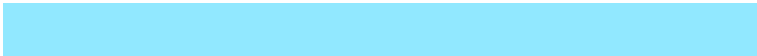
808080

Same Dimension

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



83BCCB



91E8FF



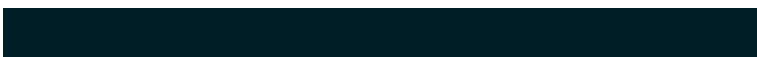
8399CB



5C6466



0083A6



001E26

Inverse Universe

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



CB83BC



FF91E8



CBB583



665C64



A60083



26001E

Previews

White Background



This preview shows how the Hex color 83BCCB 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 83BCCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

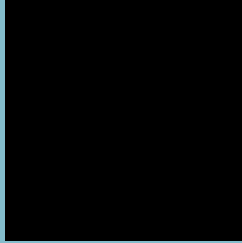
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

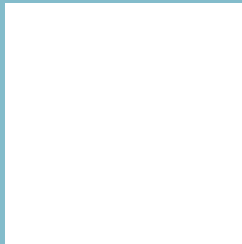
Any Text WCAG AAA ✓ Pass

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

Hex 83BCCB Background



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



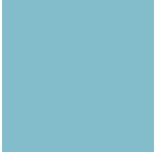
This preview shows how white text looks on a background with the Hex color 83BCCB.

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](#).

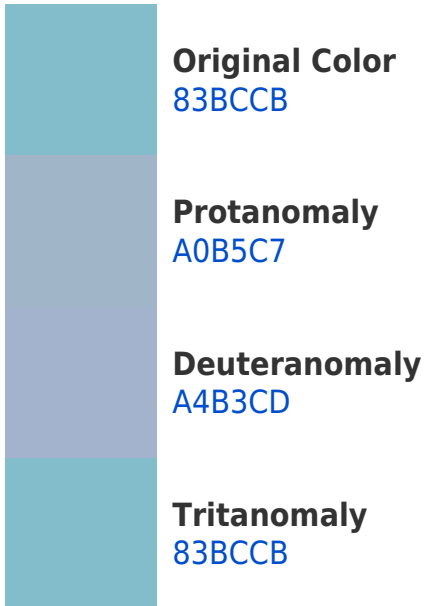
Dichromacy



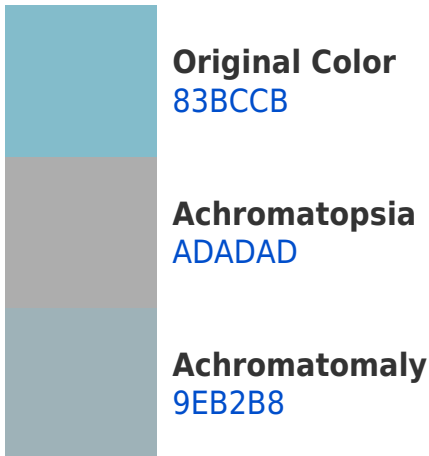


Tritanopia
83BCCB

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #83BCCB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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