

Converting Colors

Hex(83C0BD)

Have a look what the booklet for
Hex(83C0BD) contains.

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Color

Hex(83C0BD)

Conversions

Conversions Part 1

Format	Color
Hex	83C0BD
RGB	131, 192, 189
RGB Percent	51%, 75%, 74%
CMY	0.4863, 0.2471, 0.2588
CMYK	0.32, 0.00, 0.02, 0.25
HSL	177°, 33%, 63%
HSV	177°, 32%, 75%
XYZ	37.3950, 46.1987, 55.0904
YIQ	173.4190, -35.3930, -13.8650

Conversions

Conversions Part 2

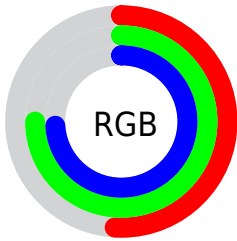
Format	Color
RYB	131, 162, 192
Decimal	8634557
CIELab	73.67, -20.15, -4.76
CIELCh	74, 20.704, 193.285
Yxy	46.1987, 0.2696, 0.3331
Android (android.graphics.Color)	4286824637 (0xFF83C0BD)
YUV	173.4190, 7.6814, -37.2015
Hunter-Lab	67.9696, -20.7410, -0.4767

Details

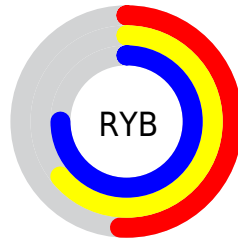
The Hex color **83C0BD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C08386**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **BAF9F5**, and **4E8A88** is the 20% darker color. If you saturate the color by 10%, you get **70C0BC**, and if you desaturate by 10%, it is **96C0BE**.

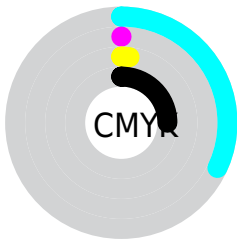
Distribution



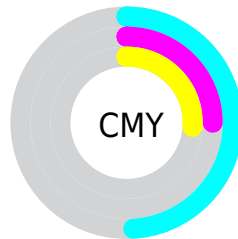
- Red (51%)
- Green (75%)
- Blue (74%)



- Red (51%)
- Yellow (64%)
- Blue (75%)



- Cyan (32%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (49%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83C0BD 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 83C0BD by changing the saturation by 10% instead.

 83C0BD

 83C0BD

FFFFFF

 68A5A2

 BAF9F5

 4E8A88

 D6FFFF

 34716E

 F3FFFF

 185856

 00403F

 002A29

 001615

 000000

 83C0BD

 83C0BD

 70C0BC

 96C0BE

 5DC0BB

 A9C0BF

 49C0BA

 BDC0C0

 36C0B9

 D0C0C1

 23C0B8

 E3C0C2

 10C0B7

 F6C0C3

 00C0B7

 FFC0C4

 FFC0C5

Harmonies

Analogous

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



91BFA9



83C0BD



83BECE

Triad

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



83C0BD



C3ADD1



CDB091

Complementary

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



83C0BD



C08386

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.



DAAB9C



83C0BD



D5A9C0

Square

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



83C0BD



AAB4DA



DCA8AD



BBB690

Rectangle

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



83C0BD



8CBCD6



DCA8AD



D2AE94

Sweetspot

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



83C0BD



E1FAF9



86C083



6E7D7C



FCFCFC



7D7D7D

Same Dimension

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



83C0BD



9BFAF5



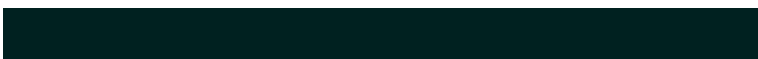
83A5C0



576160



00A199



002120

Inverse Universe

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



C08386



FA9BA0



C09E83



615758



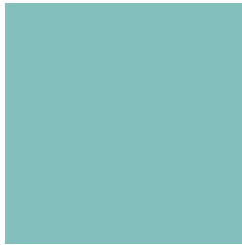
A10008



210002

Previews

White Background



This preview shows how the Hex color 83C0BD looks on a white background.

Color Contrast Check

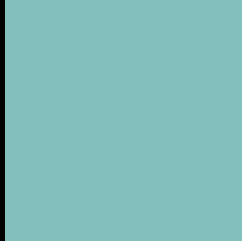
Large Text (above 18pt) WCAG AA × Fail

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 83C0BD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

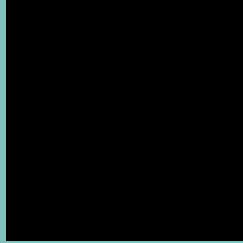
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

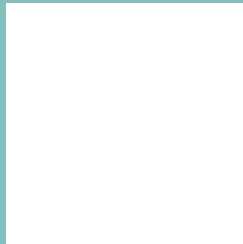
Any Text WCAG AAA ✓ Pass

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

Hex 83C0BD Background



This preview shows how black text looks on a background with the Hex color 83C0BD.



This preview shows how white text looks on a background with the Hex color 83C0BD.

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](#).

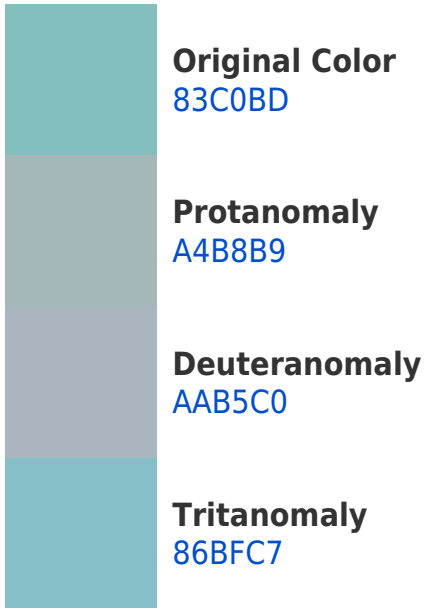
Dichromacy





Tritanopia
87BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83C0BD 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 #83C0BD looks like.

```
.text, #text, p{  
    color:#83C0BD  
}
```

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 #83C0BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C0BD }  
}
```

Border

The CSS property to change the border of an element to Hex 83C0BD 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 #83C0BD }  
}
```

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

```
.border{ border-color:#83C0BD }
```

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

Here you see how a box with a 4 pixel #83C0BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C0BD; -webkit-box-shadow:4px 4px  
4px 4px #83C0BD; box-shadow:4px 4px 4px  
4px #83C0BD }
```

Background

The CSS property to change the background color of an element to Hex 83C0BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C0BD }
```

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

```
.background{ background-color:#83C0BD }
```

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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