

Converting Colors

Hex(83C6B6)

Have a look what the booklet for
Hex(83C6B6) contains.

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Color

Hex(83C6B6)

Conversions

Conversions Part 1

Format	Color
Hex	83C6B6
RGB	131, 198, 182
RGB Percent	51%, 78%, 71%
CMY	0.4863, 0.2235, 0.2863
CMYK	0.34, 0.00, 0.08, 0.22
HSL	166°, 37%, 65%
HSV	166°, 34%, 78%
XYZ	37.9977, 48.5909, 51.6323
YIQ	176.1430, -34.7960, -19.1800

Conversions

Conversions Part 2

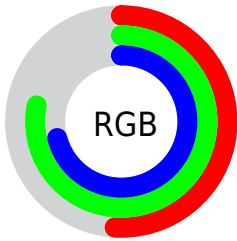
Format	Color
RYB	131, 169, 198
Decimal	8636086
CIELab	75.20, -24.75, 1.27
CIElCh	75, 24.784, 177.055
Yxy	48.5909, 0.2749, 0.3515
Android (android.graphics.Color)	4286826166 (0xFF83C6B6)
YUV	176.1430, 2.8875, -39.5904
Hunter-Lab	69.7071, -24.6864, 4.8788

Details

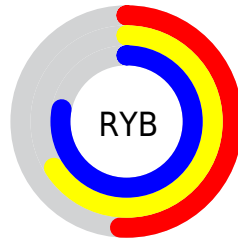
The Hex color **83C6B6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C68393**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **BAFFEE**, and **4E9081** is the 20% darker color. If you saturate the color by 10%, you get **6FC6B1**, and if you desaturate by 10%, it is **97C6BB**.

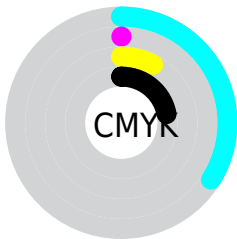
Distribution



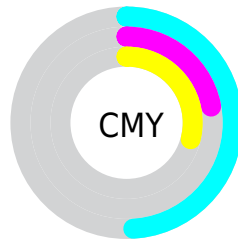
- Red (51%)
- Green (78%)
- Blue (71%)



- Red (51%)
- Yellow (66%)
- Blue (78%)



- Cyan (34%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (49%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83C6B6 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 83C6B6 by changing the saturation by 10% instead.



83C6B6



83C6B6

FFFFFF



68AB9B



BAFEE



4E9081



D6FFF



347668



F3FFF



175D50



004539



002E24



001B0E



000000



83C6B6



83C6B6

 6FC6B1

 97C6BB

 5BC6AD

 ABC6BF

 48C6A8

 BEC6C4

 34C6A3

 D2C6C9

 20C69E

 E6C6CE

 0CC69A

 FAC6D2

 00C697

 FFC6D7

 FFC6DC

 FFC6E1

Harmonies

Analogous

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



9AC3A0



83C6B6



78C6CD

Triad

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



83C6B6



BAB4E2



DFAF94

Complementary

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



83C6B6



C68393

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.



E8AAA5



83C6B6



D5ADD2

Square

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



83C6B6



9BBCE6



E5A9BC



CCB78C

Rectangle

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



83C6B6



7BC4DA



E5A9BC



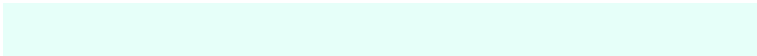
E3AD99

Sweetspot

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



83C6B6



E6FFF9



94C683



70807C



000000



808080

Same Dimension

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



83C6B6



96FFE6



83B5C6



5A6361



00A37C



00241B

Inverse Universe

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



C68393



FF96AF



C69483



635A5C



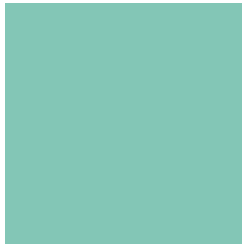
A30027



240009

Previews

White Background



This preview shows how the Hex color 83C6B6 looks on a white background.

Color Contrast Check

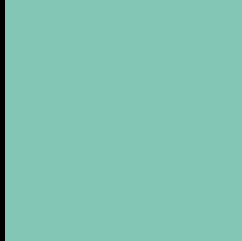
Large Text (above 18pt) WCAG AA × Fail

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 83C6B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

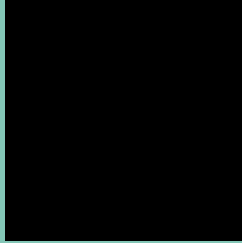
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

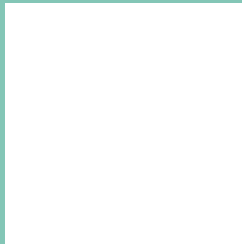
Any Text WCAG AAA ✓ Pass

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

Hex 83C6B6 Background



This preview shows how black text looks on a background with the Hex color 83C6B6.



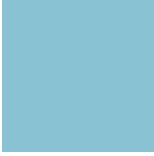
This preview shows how white text looks on a background with the Hex color 83C6B6.

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](#).

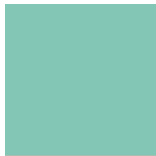
Dichromacy





Tritanopia
89C2D2

Trichromacy



Original Color
83C6B6



Protanomaly
A9BDB1



Deuteranomaly
B0BAB9

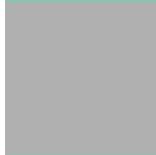


Tritanomaly
87C3C8

Monochromacy



Original Color
83C6B6



Achromatopsia
B0B0B0



Achromatomaly
A0B8B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 83C6B6 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 #83C6B6 looks like.

```
.text, #text, p{  
    color:#83C6B6  
}
```

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 #83C6B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C6B6
}
```

Border

The CSS property to change the border of an element to Hex 83C6B6 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
#83C6B6 }
```

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

```
.border{ border-color:#83C6B6 }
```

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

Here you see how a box with a 4 pixel #83C6B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C6B6; -webkit-box-shadow:4px 4px  
4px 4px #83C6B6; box-shadow:4px 4px 4px  
4px #83C6B6 }
```

Background

The CSS property to change the background color of an element to Hex 83C6B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C6B6 }
```

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

```
.background{ background-color:#83C6B6 }
```

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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