

Converting Colors

Hex(83C4D1)

Have a look what the booklet for
Hex(83C4D1) contains.

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Color

Hex(83C4D1)

Conversions

Conversions Part 1

Format	Color
Hex	83C4D1
RGB	131, 196, 209
RGB Percent	51%, 77%, 82%
CMY	0.4863, 0.2314, 0.1804
CMYK	0.37, 0.06, 0.00, 0.18
HSL	190°, 46%, 67%
HSV	190°, 37%, 82%
XYZ	40.6086, 48.9086, 67.6216
YIQ	178.0470, -42.9130, -9.7370

Conversions

Conversions Part 2

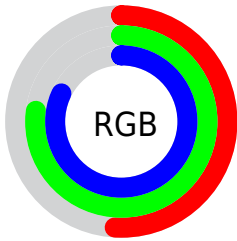
Format	Color
RYB	131, 166, 209
Decimal	8635601
CIELab	75.39, -17.36, -13.06
CIElCh	75, 21.721, 216.960
Yxy	48.9086, 0.2584, 0.3112
Android (android.graphics.Color)	4286825681 (0xFF83C4D1)
YUV	178.0470, 15.2598, -41.2602
Hunter-Lab	69.9347, -18.7370, -8.3747

Details

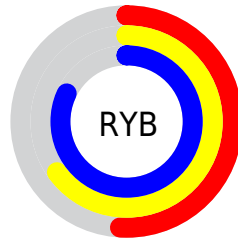
The Hex color **83C4D1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D19083**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **BBFDFF**, and **4D8E9B** is the 20% darker color. If you saturate the color by 10%, you get **6EC1D1**, and if you desaturate by 10%, it is **98C7D1**.

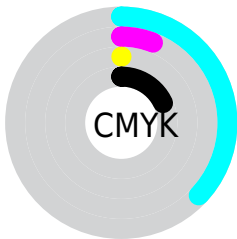
Distribution



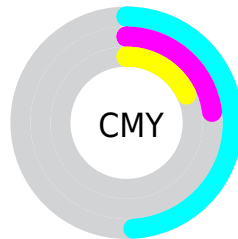
- Red (51%)
- Green (77%)
- Blue (82%)



- Red (51%)
- Yellow (65%)
- Blue (82%)



- Cyan (37%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (49%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83C4D1 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 83C4D1 by changing the saturation by 10% instead.

 83C4D1

 83C4D1

FFFFFF

 68A9B5

 BBFDFF

 4D8E9B

 D7FFFF

 317481

 F5FFFF

 0F5C68

 00444F

 002E39

 001A23

 00000C

 000000

83C4D1

83C4D1

6EC1D1

98C7D1

59BDD1

ADCBD1

44BAD1

C2CED1

2FB6D1

D7D2D1

1AB3D1

EBD5D1

06AFD1

FFD9D1

00AED1

FFDCD1

FFE0D1

FFE3D1

Harmonies

Analogous

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



87C5BE



83C4D1



90C0DE

Triad

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



83C4D1



D8AECA



C4BA92

Complementary

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



83C4D1



D19083

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.



D7B395



83C4D1



E2ACB6

Square

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



83C4D1



C3B3DA



E2AEA3



AEC099

Rectangle

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



83C4D1



A0BCE1



E2AEA3



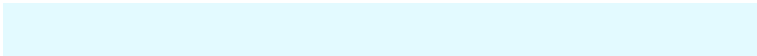
CBB892

Sweetspot

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



83C4D1



E3FAFF



83D190



6F7D80



000000



808080

Same Dimension

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



83C4D1



8CECFE



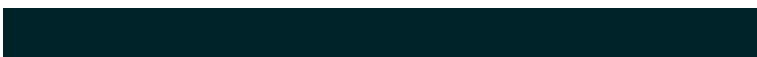
839DD1



5E6769



008CA8



002229

Inverse Universe

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



D183C4



FF8CEC



D1B783



695E67



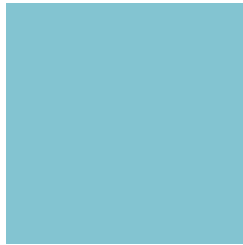
A8008C



290022

Previews

White Background



This preview shows how the Hex color 83C4D1 looks on a white background.

Color Contrast Check

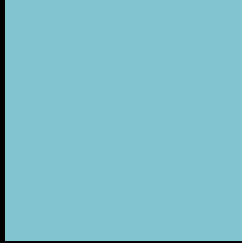
Large Text (above 18pt) WCAG AA × Fail

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 83C4D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

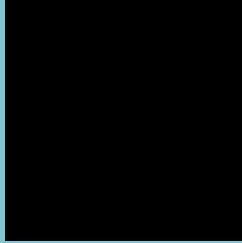
Any Text WCAG AA ✓ Pass

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 83C4D1 Background



This preview shows how black text looks on a background with the Hex color 83C4D1.



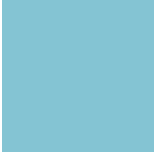
This preview shows how white text looks on a background with the Hex color 83C4D1.

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](#).

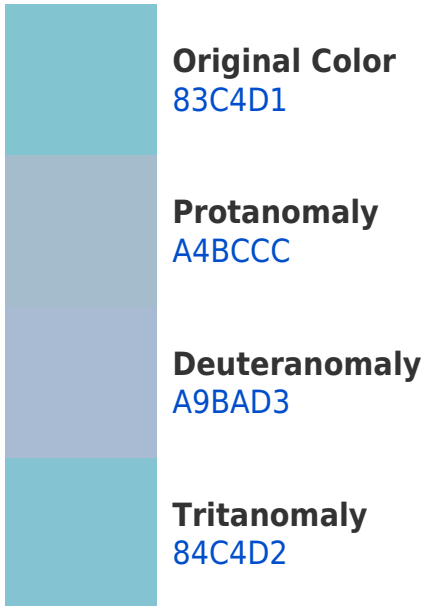
Dichromacy



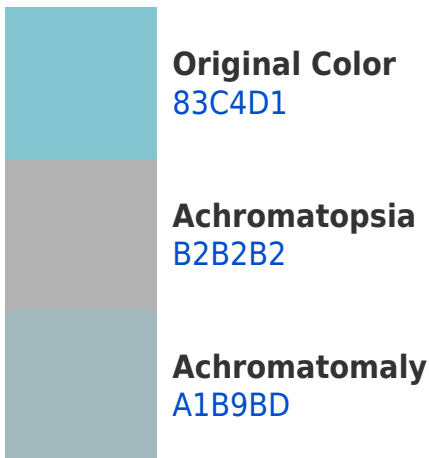


Tritanopia
84C4D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83C4D1 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 #83C4D1 looks like.

```
.text, #text, p{  
    color:#83C4D1  
}
```

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 #83C4D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C4D1
}
```

Border

The CSS property to change the border of an element to Hex 83C4D1 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
#83C4D1 }
```

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

```
.border{ border-color:#83C4D1 }
```

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

Here you see how a box with a 4 pixel #83C4D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C4D1; -webkit-box-shadow:4px 4px  
4px 4px #83C4D1; box-shadow:4px 4px 4px  
4px #83C4D1 }
```

Background

The CSS property to change the background color of an element to Hex 83C4D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C4D1 }
```

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

```
.background{ background-color:#83C4D1 }
```

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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