

Converting Colors

Hex(83B3C7)

Have a look what the booklet for
Hex(83B3C7) contains.

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Color

Hex(83B3C7)

Conversions

Conversions Part 1

Format	Color
Hex	83B3C7
RGB	131, 179, 199
RGB Percent	51%, 70%, 78%
CMY	0.4863, 0.2980, 0.2196
CMYK	0.34, 0.10, 0.00, 0.22
HSL	198°, 38%, 65%
HSV	198°, 34%, 78%
XYZ	35.7890, 41.1890, 60.0968
YIQ	166.9280, -35.0280, -3.9560

Conversions

Conversions Part 2

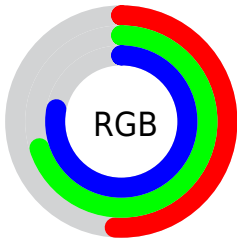
Format	Color
RYB	131, 159, 199
Decimal	8631239
CIELab	70.31, -10.96, -15.25
CIElCh	70, 18.781, 234.288
Yxy	41.1890, 0.2611, 0.3005
Android (android.graphics.Color)	4286821319 (0xFF83B3C7)
YUV	166.9280, 15.8115, -31.5089
Hunter-Lab	64.1787, -12.7729, -10.5940

Details

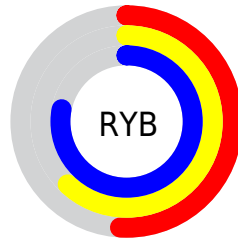
The Hex color **83B3C7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C79783**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **BAEBFF**, and **4E7E91** is the 20% darker color. If you saturate the color by 10%, you get **6FADC7**, and if you desaturate by 10%, it is **97B9C7**.

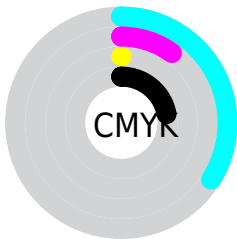
Distribution



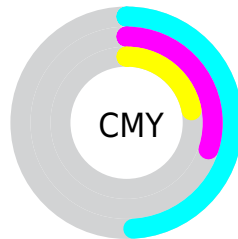
- Red (51%)
- Green (70%)
- Blue (78%)



- Red (51%)
- Yellow (62%)
- Blue (78%)



- Cyan (34%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (49%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83B3C7 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 83B3C7 by changing the saturation by 10% instead.

 83B3C7

 83B3C7

FFFFFF

 6898AC

 BAEBFF

 4E7E91

 D6FFFF

 346577

 F3FFFF

 184D5F

 003647

 002130

 00041C

 000000

 83B3C7

 83B3C7

6FADC7

97B9C7

5BA7C7

ABBFC7

47A1C7

BFC5C7

339CC7

D3CAC7

1F96C7

E7D0C7

0C90C7

FAD6C7

008CC7

FFDCC7

FFE2C7

FFE8C7

Harmonies

Analogous

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



7EB6B9



83B3C7



94AECD

Triad

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



83B3C7



CCA0B0



AAAF8D

Complementary

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



83B3C7



C79783

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.



BCAA8A



83B3C7



D0A19F

Square

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



83B3C7



BFA3C0



CAA491



97B398

Rectangle

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



83B3C7



A3ABCD



CAA491



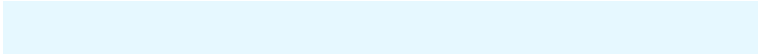
B1AD8B

Sweetspot

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



83B3C7



E6F8FF



83C796



707B80



000000



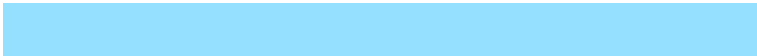
808080

Same Dimension

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



83B3C7



96E0FF



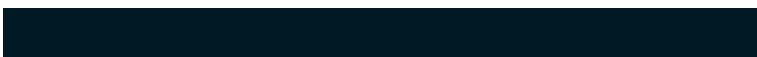
8392C7



5A6163



0073A3



001924

Inverse Universe

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



C783B3



FF96E0



C7B883



635A61



A30073



240019

Previews

White Background



This preview shows how the Hex color 83B3C7 looks on a white background.

Color Contrast Check

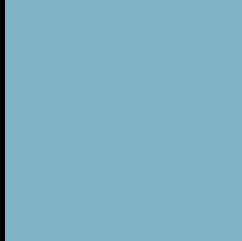
Large Text (above 18pt) WCAG AA × Fail

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 83B3C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

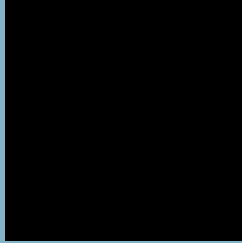
Any Text WCAG AA ✓ Pass

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 83B3C7 Background



This preview shows how black text looks on a background with the Hex color 83B3C7.

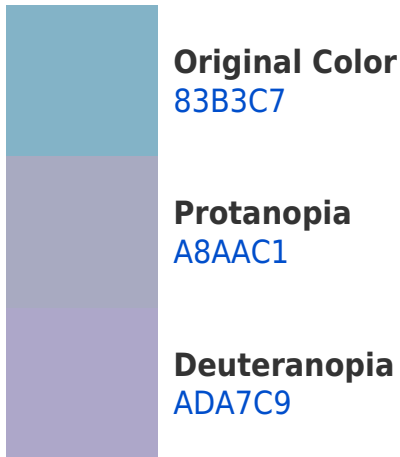


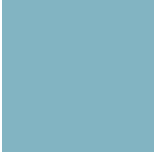
This preview shows how white text looks on a background with the Hex color 83B3C7.

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](#).

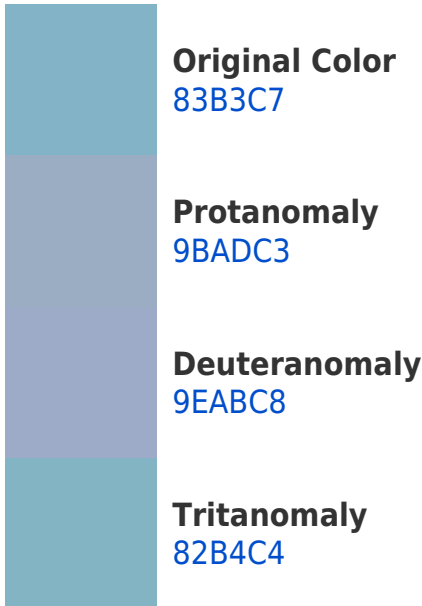
Dichromacy



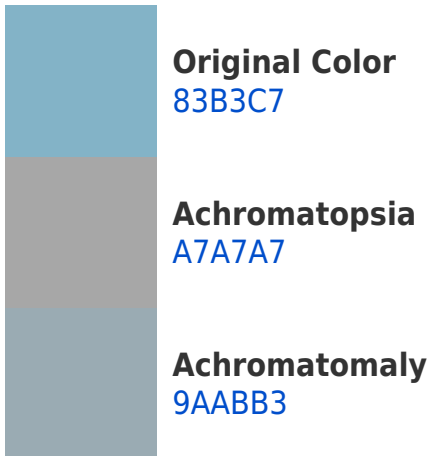


Tritanopia
82B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83B3C7 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 #83B3C7 looks like.

```
.text, #text, p{  
    color:#83B3C7  
}
```

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 #83B3C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B3C7  
}
```

Border

The CSS property to change the border of an element to Hex 83B3C7 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  
#83B3C7 }
```

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

```
.border{ border-color:#83B3C7 }
```

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

Here you see how a box with a 4 pixel #83B3C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B3C7; -webkit-box-shadow:4px 4px  
4px 4px #83B3C7; box-shadow:4px 4px 4px  
4px #83B3C7 }
```

Background

The CSS property to change the background color of an element to Hex 83B3C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B3C7 }
```

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

```
.background{ background-color:#83B3C7 }
```

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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