

Converting Colors

Hex(83B3C3)

Have a look what the booklet for
Hex(83B3C3) contains.

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Color

Hex(83B3C3)

Conversions

Conversions Part 1

Format	Color
Hex	83B3C3
RGB	131, 179, 195
RGB Percent	51%, 70%, 76%
CMY	0.4863, 0.2980, 0.2353
CMYK	0.33, 0.08, 0.00, 0.24
HSL	195°, 35%, 64%
HSV	195°, 33%, 76%
XYZ	35.3305, 41.0056, 57.6825
YIQ	166.4720, -33.7440, -5.2000

Conversions

Conversions Part 2

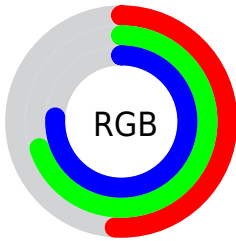
Format	Color
RYB	131, 158, 195
Decimal	8631235
CIELab	70.18, -11.96, -13.24
CIElCh	70, 17.844, 227.920
Yxy	41.0056, 0.2636, 0.3060
Android (android.graphics.Color)	4286821315 (0xFF83B3C3)
YUV	166.4720, 14.0643, -31.1089
Hunter-Lab	64.0356, -13.5782, -8.5828

Details

The Hex color **83B3C3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C39383**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BAEBFC**, and **4F7E8D** is the 20% darker color. If you saturate the color by 10%, you get **6FAEC3**, and if you desaturate by 10%, it is **97B8C3**.

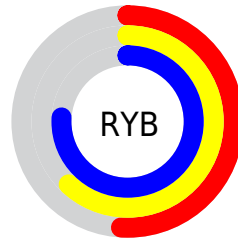
Distribution



Red (51%)

Green (70%)

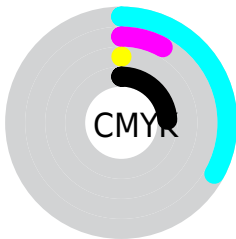
Blue (76%)



Red (51%)

Yellow (62%)

Blue (76%)

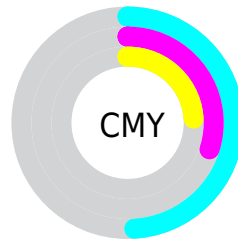


Cyan (33%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (49%)

Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83B3C3 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 83B3C3 by changing the saturation by 10% instead.



83B3C3



83B3C3

FFFFFF



6998A8



BAEBFC



4F7E8D



D6FFFF



356574



F3FFFF



1A4D5B



003644



00212D



000319



000000



83B3C3



83B3C3

6FAEC3

97B8C3

5CA9C3

AABDC3

49A4C3

BDC2C3

359FC3

D1C6C3

229BC3

E5CBC3

0E96C3

F8D0C3

0092C3

FFD5C3

FFDAC3

FFDFC3

Harmonies

Analogous

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



81B5B5



83B3C3



91AFCB

Triad

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



83B3C3



C8A1B3



AEAE8D

Complementary

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



83B3C3



C39383

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.



BFA88C



83B3C3



CEA0A2

Square

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



83B3C3



BAA4C1



CAA394



9BB295

Rectangle

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



83B3C3



9FACCB



CAA394



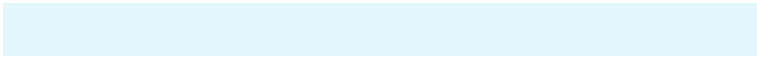
B4AC8C

Sweetspot

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



83B3C3



E3F6FC



83C393



707C80



000000



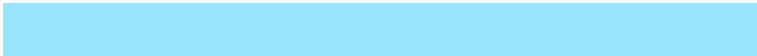
808080

Same Dimension

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



83B3C3



9AE4FC



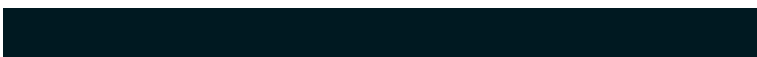
8393C3



575E61



0078A1



001921

Inverse Universe

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



C383B3



FC9AE4



C3B383



61575E



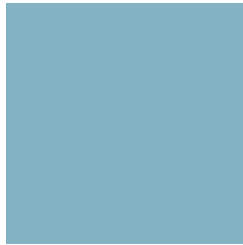
A10078



210019

Previews

White Background



This preview shows how the Hex color 83B3C3 looks on a white background.

Color Contrast Check

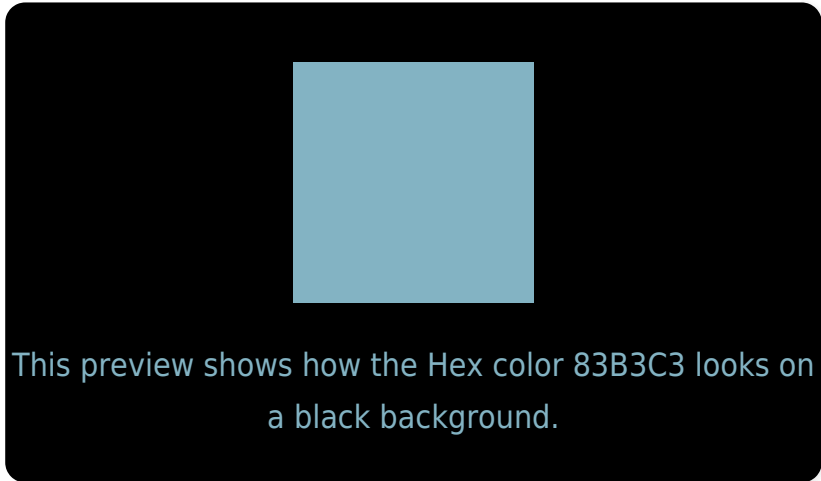
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

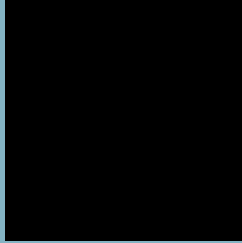
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

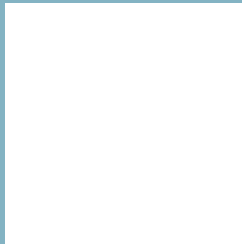
Any Text WCAG AAA ✓ Pass

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

Hex 83B3C3 Background



This preview shows how black text looks on a background with the Hex color 83B3C3.

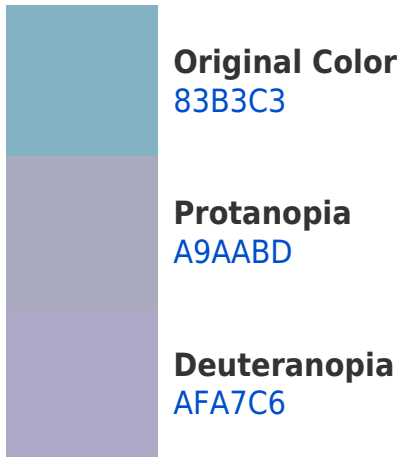


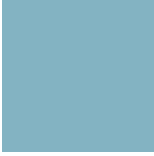
This preview shows how white text looks on a background with the Hex color 83B3C3.

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](#).

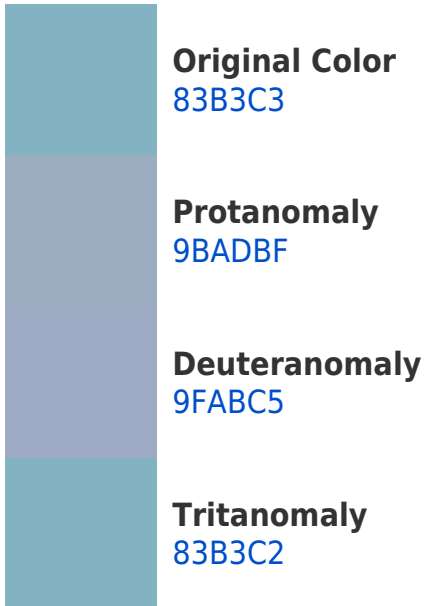
Dichromacy



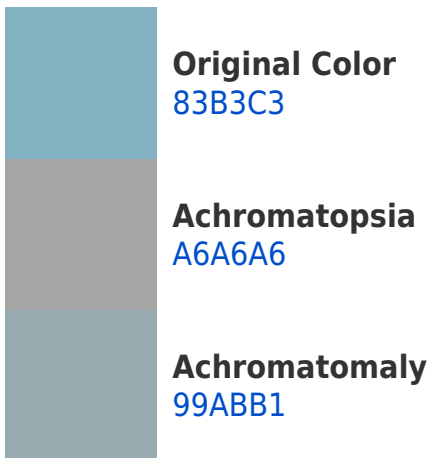


Tritanopia
83B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83B3C3 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 #83B3C3 looks like.

```
.text, #text, p{  
    color:#83B3C3  
}
```

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 #83B3C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B3C3
}
```

Border

The CSS property to change the border of an element to Hex 83B3C3 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
#83B3C3 }
```

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

```
.border{ border-color:#83B3C3 }
```

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

Here you see how a box with a 4 pixel #83B3C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B3C3; -webkit-box-shadow:4px 4px  
4px 4px #83B3C3; box-shadow:4px 4px 4px  
4px #83B3C3 }
```

Background

The CSS property to change the background color of an element to Hex 83B3C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B3C3 }
```

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

```
.background{ background-color:#83B3C3 }
```

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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