

Converting Colors

Hex(83B7BF)

Have a look what the booklet for
Hex(83B7BF) contains.

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Color

Hex(83B7BF)

Conversions

Conversions Part 1

Format	Color
Hex	83B7BF
RGB	131, 183, 191
RGB Percent	51%, 72%, 75%
CMY	0.4863, 0.2824, 0.2510
CMYK	0.31, 0.04, 0.00, 0.25
HSL	188°, 32%, 63%
HSV	188°, 31%, 75%
XYZ	35.6975, 42.4539, 55.6032
YIQ	168.3640, -33.5600, -8.5360

Conversions

Conversions Part 2

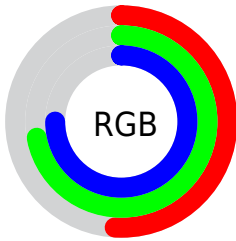
Format	Color
RYB	131, 159, 191
Decimal	8632255
CIELab	71.18, -15.04, -9.55
CIELCh	71, 17.814, 212.404
Yxy	42.4539, 0.2669, 0.3174
Android (android.graphics.Color)	4286822335 (0xFF83B7BF)
YUV	168.3640, 11.1595, -32.7682
Hunter-Lab	65.1566, -16.2288, -4.9871

Details

The Hex color **83B7BF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BF8B83**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **BAEFF7**, and **4F828A** is the 20% darker color. If you saturate the color by 10%, you get **70B4BF**, and if you desaturate by 10%, it is **96BABF**.

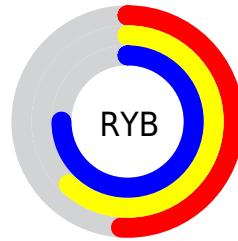
Distribution



Red (51%)

Green (72%)

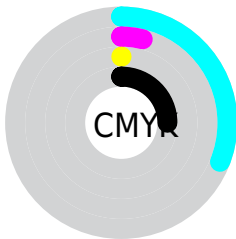
Blue (75%)



Red (51%)

Yellow (62%)

Blue (75%)

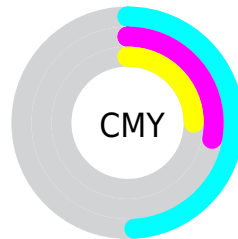


Cyan (31%)

Magenta (4%)

Yellow (0%)

Black (25%)



Cyan (49%)

Magenta (28%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83B7BF 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 83B7BF by changing the saturation by 10% instead.

83B7BF

83B7BF

FFFFFF

699CA4

BAEFF7

4F828A

D6FFFF

356970

F3FFFF

1A5158

003941

00242B

000917

000000

83B7BF

83B7BF

70B4BF

96BABF

5DB2BF

A9BCBF

4AAFBF

BCBFBF

37ADBFB

CFC1BF

23AABFB

E3C4BF

10A8BF

F6C6BF

00A6BF

FFC9BF

FFCBBF

FFCEBF

Harmonies

Analogous

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



87B8AF



83B7BF



8BB4CA

Triad

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



83B7BF



C5A5BE



BAAE8E

Complementary

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



83B7BF



BF8B83

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.



C8A892



83B7BF



CFA3AD

Square

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



83B7BF



B3AACA



D0A49E



A8B393

Rectangle

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



83B7BF



97B1CE



D0A49E



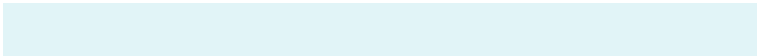
BFAC8E

Sweetspot

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



83B7BF



E1F4F7



83BF8B



6F7B7D



FCFCFC



7D7D7D

Same Dimension

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



83B7BF



99EBF7



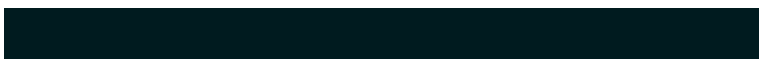
8399BF



555D5E



00899E



001B1F

Inverse Universe

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



BF83B7



F799EB



BFA983



5E555D



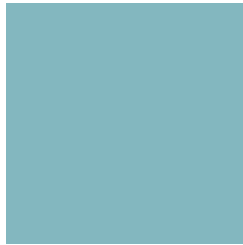
9E0089



1F001B

Previews

White Background



This preview shows how the Hex color 83B7BF looks on a white background.

Color Contrast Check

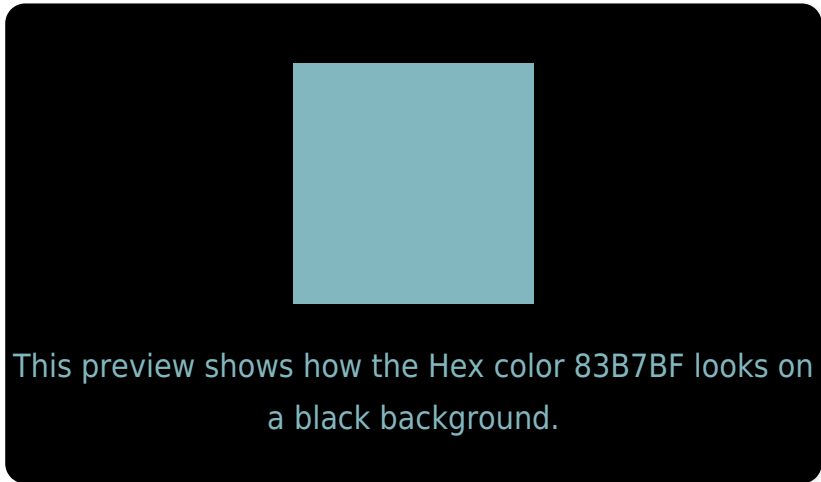
Large Text (above 18pt) WCAG AA × Fail

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

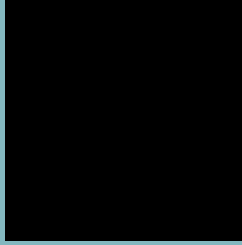
Any Text WCAG AA ✓ Pass

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 83B7BF Background



This preview shows how black text looks on a background with the Hex color 83B7BF.

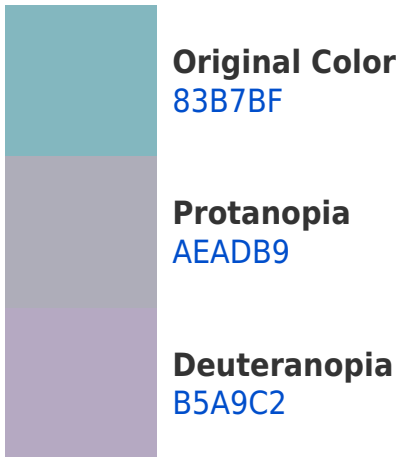


This preview shows how white text looks on a background with the Hex color 83B7BF.

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](#).

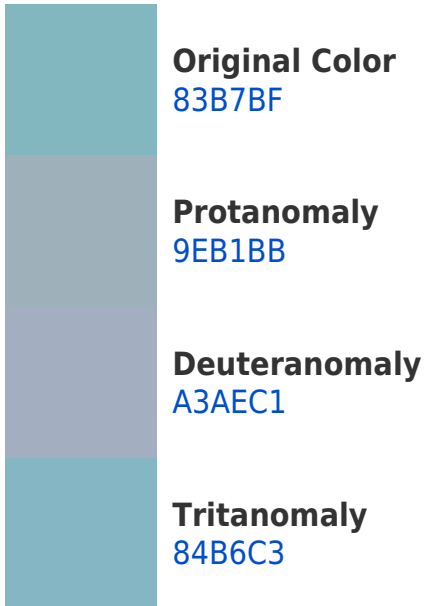
Dichromacy



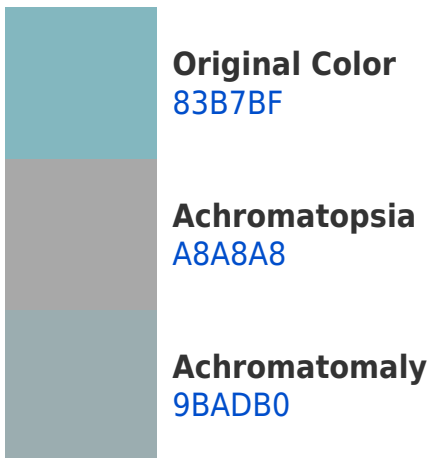


Tritanopia
84B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83B7BF 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 #83B7BF looks like.

```
.text, #text, p{  
    color:#83B7BF  
}
```

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 #83B7BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B7BF
}
```

Border

The CSS property to change the border of an element to Hex 83B7BF 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
#83B7BF }
```

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

```
.border{ border-color:#83B7BF }
```

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

Here you see how a box with a 4 pixel #83B7BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B7BF; -webkit-box-shadow:4px 4px  
4px 4px #83B7BF; box-shadow:4px 4px 4px  
4px #83B7BF }
```

Background

The CSS property to change the background color of an element to Hex 83B7BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B7BF }
```

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

```
.background{ background-color:#83B7BF }
```

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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