

# Converting Colors

Hex(83D5BE)

Have a look what the booklet for  
Hex(83D5BE) contains.

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# Color

**Hex(83D5BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83D5BE
RGB	131, 213, 190
RGB Percent	51%, 84%, 75%
CMY	0.4863, 0.1647, 0.2549
CMYK	0.38, 0.00, 0.11, 0.16
HSL	163°, 49%, 67%
HSV	163°, 38%, 84%
XYZ	42.4486, 56.1315, 57.3124
YIQ	185.8600, -41.4890, -24.5370

# Conversions

## Conversions Part 2

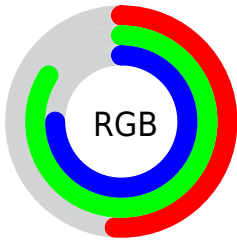
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 179, 213
Decimal	8639934
CIELab	79.69, -30.26, 3.50
CIELCh	80, 30.463, 173.407
Yxy	56.1315, 0.2723, 0.3601
Android (android.graphics.Color)	4286830014 (0xFF83D5BE)
YUV	185.8600, 2.0410, -48.1122
Hunter-Lab	74.9210, -29.9775, 7.0895

# Details

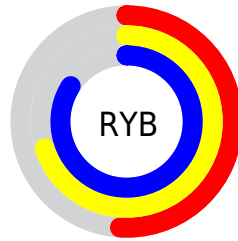
The Hex color **83D5BE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D5839A**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BBFFF6**, and **4C9E89** is the 20% darker color. If you saturate the color by 10%, you get **6ED5B8**, and if you desaturate by 10%, it is **98D5C4**.

# Distribution



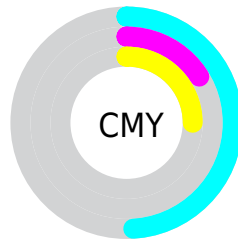
- Red (51%)
- Green (84%)
- Blue (75%)



- Red (51%)
- Yellow (70%)
- Blue (84%)



- Cyan (38%)
- Magenta (0%)
- Yellow (11%)
- Black (16%)



- Cyan (49%)
- Magenta (16%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83D5BE 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 83D5BE by changing the saturation by 10% instead.



 83D5BE

 83D5BE

FFFFFF

 68B9A3

 BBFFF6

 4C9E89

 D8FFFF

 30846F

 F5FFFF

 0C6A57

 005140

 003A2A

 002415

 000000

 83D5BE

 83D5BE

 6ED5B8

 98D5C4

 58D5B2

 AED5CA

 43D5AC

 C3D5D0

 2ED5A6

 D8D5D6

 18D5A0

 EED5DC

 03D59A

 FFD5E2

 00D599

 FFD5E8

 FFD5EE

 FFD5F4

# Harmonies

## Analogous

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



A2D1A3



83D5BE



70D5DB

# Triad

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



83D5BE



C1C0F9



F5B899

# Complementary

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



83D5BE



D5839A

# 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.



FFB2B0



83D5BE



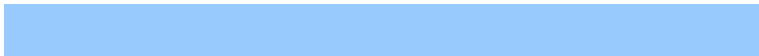
E4B7E8

# Square

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



83D5BE



99CAFD



F9B1CD



E0C28D

# Rectangle

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



83D5BE



71D3EC



F9B1CD



FAB6A0

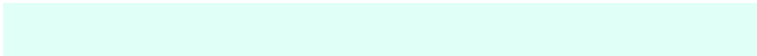


# Sweetspot

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



83D5BE



E0FFF6



9AD583



6E807A



000000



808080

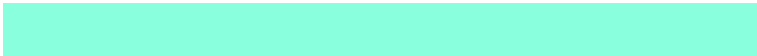


# Same Dimension

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



83D5BE



8AFFDE



83C3D5



606B68



00AB7B



002B1F



# Inverse Universe

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



D5839A



FF8AAB



D59583



6B6063



AB0030

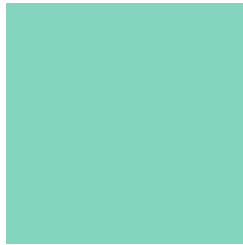


2B000C



# Previews

## White Background



This preview shows how the Hex color 83D5BE looks on a white background.

## Color Contrast Check

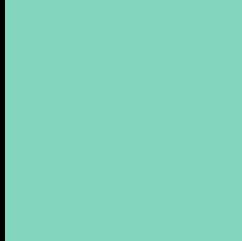
Large Text (above 18pt) WCAG AA × Fail

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 83D5BE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

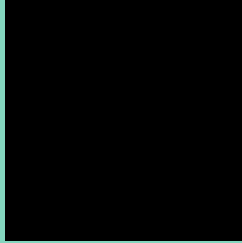
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

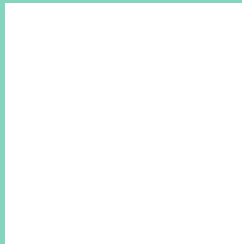
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 83D5BE Background



This preview shows how black text looks on a background with the Hex color 83D5BE.



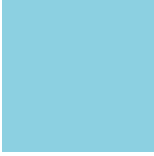
This preview shows how white text looks on a background with the Hex color 83D5BE.

# 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**  
8CD0E1

# Trichromacy



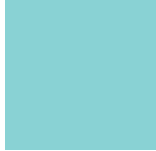
**Original Color**  
83D5BE



**Protanomaly**  
B1CAB8



**Deuteranomaly**  
B9C6C1

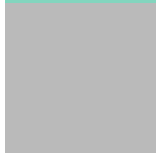


**Tritanomaly**  
89D2D4

# Monochromacy



**Original Color**  
83D5BE



**Achromatopsia**  
BABABA



**Achromatomaly**  
A6C4BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83D5BE 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 #83D5BE looks like.

```
.text, #text, p{  
    color:#83D5BE  
}
```

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 #83D5BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D5BE
}
```

## Border

The CSS property to change the border of an element to Hex 83D5BE 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
#83D5BE }
```

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

```
.border{ border-color:#83D5BE }
```

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

Here you see how a box with a 4 pixel #83D5BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D5BE; -webkit-box-shadow:4px 4px  
4px 4px #83D5BE; box-shadow:4px 4px 4px  
4px #83D5BE }
```

# Background

The CSS property to change the background color of an element to Hex 83D5BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D5BE }
```

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

```
.background{ background-color:#83D5BE }
```

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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