

# Converting Colors

Hex(83D5B9)

Have a look what the booklet for  
Hex(83D5B9) contains.

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**Color**

**Hex(83D5B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83D5B9
RGB	131, 213, 185
RGB Percent	51%, 84%, 73%
CMY	0.4863, 0.1647, 0.2745
CMYK	0.38, 0.00, 0.13, 0.16
HSL	160°, 49%, 67%
HSV	160°, 38%, 84%
XYZ	41.9113, 55.9166, 54.4830
YIQ	185.2900, -39.8840, -26.0920

# Conversions

## Conversions Part 2

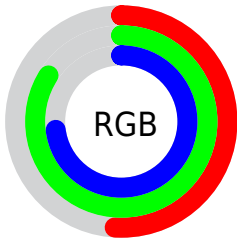
Format	Color
<a href="#">RYB</a>	<a href="#">131, 180, 213</a>
Decimal	<a href="#">8639929</a>
CIELab	<a href="#">79.57, -31.35, 5.99</a>
CIELCh	<a href="#">80, 31.921, 169.186</a>
Yxy	<a href="#">55.9166, 0.2752, 0.3671</a>
Android (android.graphics.Color)	<a href="#">4286830009 (0xFF83D5B9)</a>
YUV	<a href="#">185.2900, -0.1430, -47.6123</a>
Hunter-Lab	<a href="#">74.7774, -30.8146, 9.1454</a>

# Details

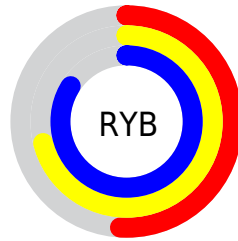
The Hex color **83D5B9** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D5839F**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **BBFFF1**, and **4C9E84** is the 20% darker color. If you saturate the color by 10%, you get **6ED5B2**, and if you desaturate by 10%, it is **98D5C0**.

# Distribution



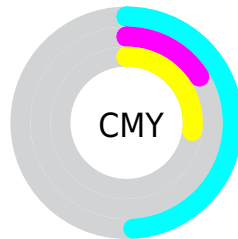
- Red (51%)
- Green (84%)
- Blue (73%)



- Red (51%)
- Yellow (71%)
- Blue (84%)



- Cyan (38%)
- Magenta (0%)
- Yellow (13%)
- Black (16%)



- Cyan (49%)
- Magenta (16%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83D5B9 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 83D5B9 by changing the saturation by 10% instead.



 83D5B9

 83D5B9

FFFFFF

 68B99E

 BBFF11

 4C9E84

 D8FFFF

 30836B

 F5FFFF

 0D6A53

 00513C

 003A26

 002411

 000000

 83D5B9

 83D5B9

 6ED5B2

 98D5C0

 58D5AA

 AED5C8

 43D5A3

 C3D5CF

 2ED59C

 D8D5D6

 18D595

 EED5DD

 03D58D

 FFD5E5

 00D58C

 FFD5EC

 FFD5F3

 FFD5FA

# Harmonies

## Analogous

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



A5D19D



83D5B9



6BD6D8

# Triad

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



83D5B9



BBC1FD



F9B699

# Complementary

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



83D5B9



D5839F

# 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.



FFB0B3



83D5B9



E1B7EC

# Square

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



83D5B9



8FCBFF



F9B0D1



E4C08B

# Rectangle

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



83D5B9



69D4EA



F9B0D1



FEB3A1



# Sweetspot

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



83D5B9



E0FFF5



A0D583



6E8079



000000



808080



# Same Dimension

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



83D5B9



8AFFD7



83C9D5



606B67



00AB71



002B1D



# Inverse Universe

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



D5839F



FF8AB2



D58F83



6B6064



AB003A

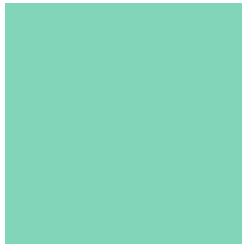


2B000F



# Previews

## White Background



This preview shows how the Hex color 83D5B9 looks on a white background.

## Color Contrast Check

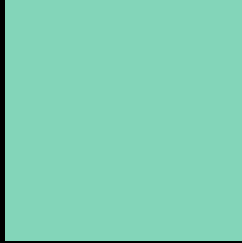
Large Text (above 18pt) WCAG AA × Fail

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 83D5B9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

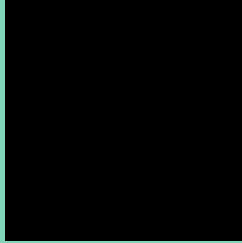
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

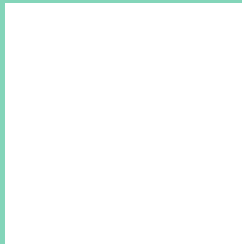
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 83D5B9 Background



This preview shows how black text looks on a background with the Hex color 83D5B9.



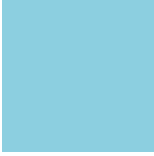
This preview shows how white text looks on a background with the Hex color 83D5B9.

# 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](#).

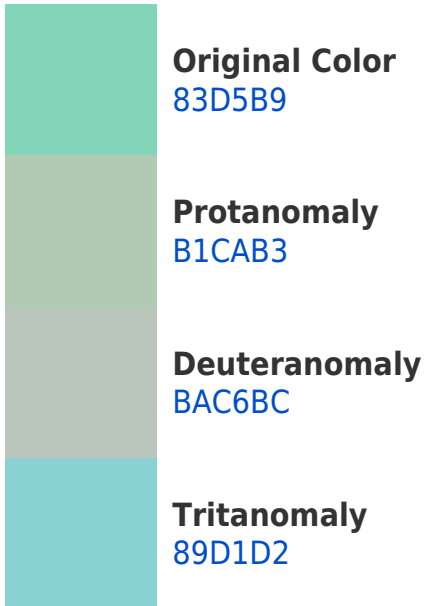
## Dichromacy



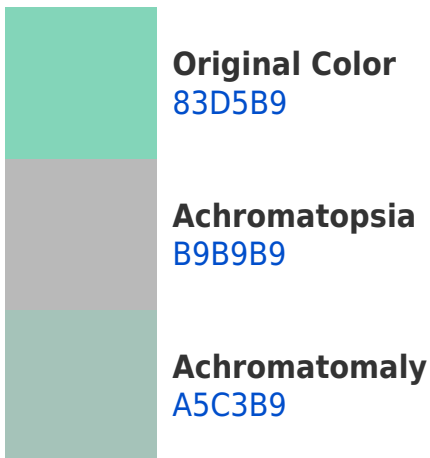


**Tritanopia**  
8CCFE0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83D5B9 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 #83D5B9 looks like.

```
.text, #text, p{  
    color:#83D5B9  
}
```

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 #83D5B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D5B9
}
```

## Border

The CSS property to change the border of an element to Hex 83D5B9 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
#83D5B9 }
```

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

```
.border{ border-color:#83D5B9 }
```

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

Here you see how a box with a 4 pixel #83D5B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D5B9; -webkit-box-shadow:4px 4px  
4px 4px #83D5B9; box-shadow:4px 4px 4px  
4px #83D5B9 }
```

# Background

The CSS property to change the background color of an element to Hex 83D5B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D5B9 }
```

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

```
.background{ background-color:#83D5B9 }
```

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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