

Converting Colors

Hex(83DBD1)

Have a look what the booklet for
Hex(83DBD1) contains.

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Color

Hex(83DBD1)

Conversions

Conversions Part 1

Format	Color
Hex	83DBD1
RGB	131, 219, 209
RGB Percent	51%, 86%, 82%
CMY	0.4863, 0.1412, 0.1804
CMYK	0.40, 0.00, 0.05, 0.14
HSL	173°, 55%, 69%
HSV	173°, 40%, 86%
XYZ	46.2002, 60.0918, 69.4855
YIQ	191.5480, -49.2380, -21.7660

Conversions

Conversions Part 2

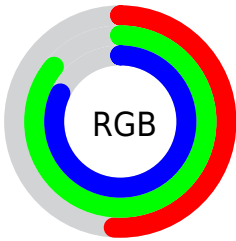
Format	Color
RYB	131, 178, 219
Decimal	8641489
CIELab	81.89, -28.80, -3.42
CIELCh	82, 29.001, 186.767
Yxy	60.0918, 0.2628, 0.3419
Android (android.graphics.Color)	4286831569 (0xFF83DBD1)
YUV	191.5480, 8.6038, -53.1006
Hunter-Lab	77.5189, -29.2745, 1.1176

Details

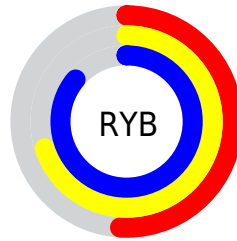
The Hex color **83DBD1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DB838D**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **BCFFFF**, and **4BA49B** is the 20% darker color. If you saturate the color by 10%, you get **6DDBCF**, and if you desaturate by 10%, it is **99DBD3**.

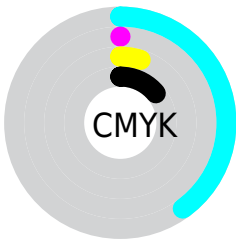
Distribution



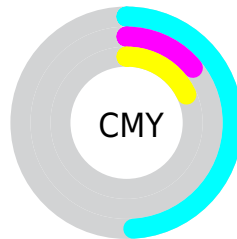
- Red (51%)
- Green (86%)
- Blue (82%)



- Red (51%)
- Yellow (70%)
- Blue (86%)



- Cyan (40%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (49%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83DBD1 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 83DBD1 by changing the saturation by 10% instead.

 83DBD1

 83DBD1

FFFFFF

 67BFB5

 BCFFFF

 4BA49B

 D9FFFF

 2C8981

 F6FFFF

 006F68

 005750

 003F39

 002823

 000D0E

 000000

 83DBD1

 83DBD1

 6DDBCf

 99DBD3

 57DBCC

 AFDBD6

 41DBCA

 C5DBD8

 2BDBC7

 DBDBDB

 15DBC5

 F1DBDD

 00DBC2

 FFDBE0

 FFDBE2

 FFDBE5

 FFDBE7

Harmonies

Analogous

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



9CD9B5



83DBD1



7CD9EB

Triad

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



83DBD1



D8C3F7



F2C39A

Complementary

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



83DBD1



DB838D

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.



FFBBAC



83DBD1



F4BBE2

Square

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



83DBD1



B3CCFF



FFB8C6



D9CC96

Rectangle

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



83DBD1



86D6F8



FFB8C6



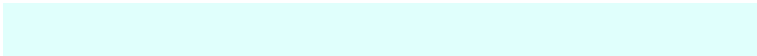
F8C09F

Sweetspot

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



83DBD1



E0FFFC



8DDB83



6E807D



000000



808080

Same Dimension

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



83DBD1



85FFF1



83B9DB



636E6C



00AD9A



002E29

Inverse Universe

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



DB838D



FF8593



DBA583



6E6364



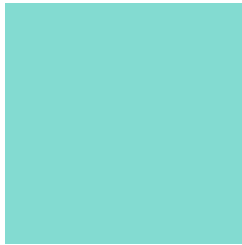
AD0014



2E0005

Previews

White Background



This preview shows how the Hex color 83DBD1 looks on a white background.

Color Contrast Check

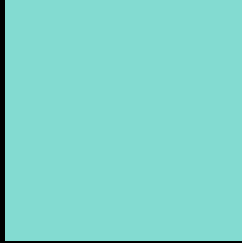
Large Text (above 18pt) WCAG AA × Fail

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 83DBD1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

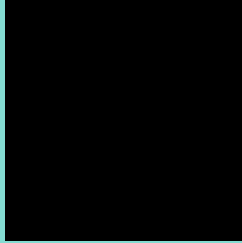
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

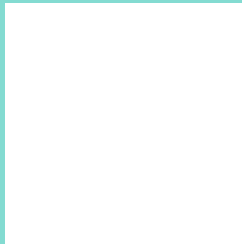
Any Text WCAG AAA ✓ Pass

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

Hex 83DBD1 Background



This preview shows how black text looks on a background with the Hex color 83DBD1.

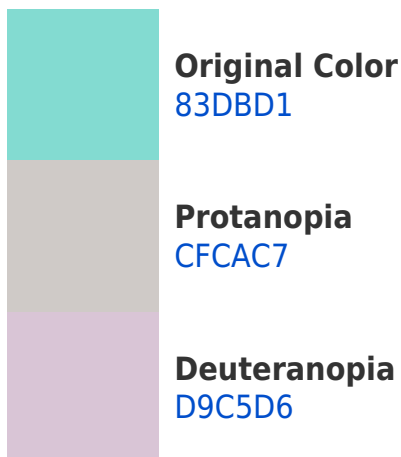


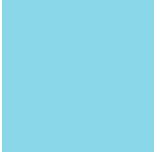
This preview shows how white text looks on a background with the Hex color 83DBD1.

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](#).

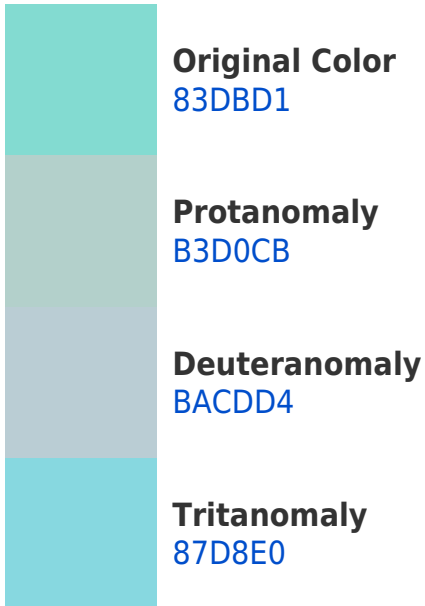
Dichromacy



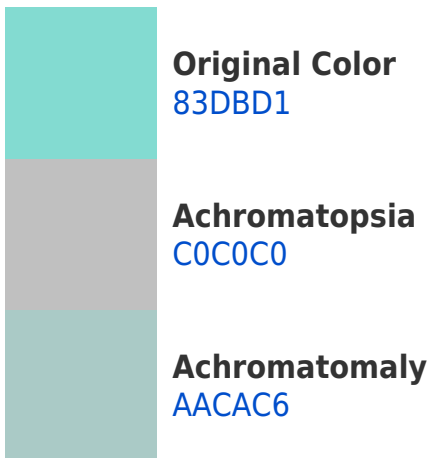


Tritanopia
89D7E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83DBD1 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 #83DBD1 looks like.

```
.text, #text, p{  
    color:#83DBD1  
}
```

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 #83DBD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83DBD1
}
```

Border

The CSS property to change the border of an element to Hex 83DBD1 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
#83DBD1 }
```

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

```
.border{ border-color:#83DBD1 }
```

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

Here you see how a box with a 4 pixel #83DBD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83DBD1; -webkit-box-shadow:4px 4px  
4px 4px #83DBD1; box-shadow:4px 4px 4px  
4px #83DBD1 }
```

Background

The CSS property to change the background color of an element to Hex 83DBD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83DBD1 }
```

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

```
.background{ background-color:#83DBD1 }
```

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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