

Converting Colors

Hex(83DBD6)

Have a look what the booklet for
Hex(83DBD6) contains.

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Color

Hex(83DBD6)

Conversions

Conversions Part 1

Format	Color
Hex	83DBD6
RGB	131, 219, 214
RGB Percent	51%, 86%, 84%
CMY	0.4863, 0.1412, 0.1608
CMYK	0.40, 0.00, 0.02, 0.14
HSL	177°, 55%, 69%
HSV	177°, 40%, 86%
XYZ	46.8292, 60.3434, 72.7976
YIQ	192.1180, -50.8430, -20.2110

Conversions

Conversions Part 2

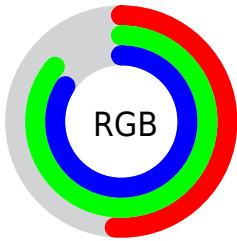
Format	Color
RYB	131, 176, 219
Decimal	8641494
CIELab	82.02, -27.61, -5.88
CIELCh	82, 28.229, 192.014
Yxy	60.3434, 0.2602, 0.3353
Android (android.graphics.Color)	4286831574 (0xFF83DBD6)
YUV	192.1180, 10.7878, -53.6005
Hunter-Lab	77.6810, -28.3349, -1.1861

Details

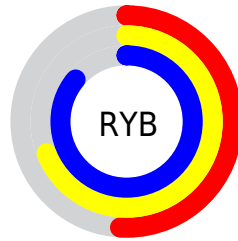
The Hex color **83DBD6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DB8388**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **BCFFFF**, and **4AA49F** is the 20% darker color. If you saturate the color by 10%, you get **6DDBD5**, and if you desaturate by 10%, it is **99DBD7**.

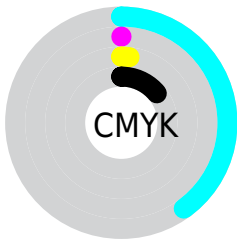
Distribution



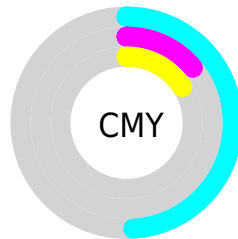
- Red (51%)
- Green (86%)
- Blue (84%)



- Red (51%)
- Yellow (69%)
- Blue (86%)



- Cyan (40%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



- Cyan (49%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83DBD6 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 83DBD6 by changing the saturation by 10% instead.

 83DBD6

 83DBD6

FFFFFF

 67BFBA

 BCFFFF

 4AA49F

 D9FFFF


 2C8985

 F6FFFF


 006F6C

 005754

 003F3D

 002827

 000E13

 000000

 83DBD6

 83DBD6

 6DDBD5

 99DBD7

 57DBD4

 AFDBD8

 41DBD2

 C5DBDA

 2BDBD1

 DBDBDB

 15DBD0

 F1DBDC

 00DBCf

 FFDBDD

 FFDBDF

 FFDBE0

 FFDBE1

Harmonies

Analogous

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



99DABB



83DBD6



80D9EE

Triad

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



83DBD6



DDC2F3



EEC59A

Complementary

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



83DBD6



DB8388

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.



FEBDAA



83DBD6



F7BBDD

Square

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



83DBD6



BACBFF



FFB9C2



D5CE98

Rectangle

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



83DBD6



8DD5FA



FFB9C2



F4C29E

Sweetspot

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



83DBD6



E0FFFD



89DB83



6E807E



000000



808080

Same Dimension

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



83DBD6



85FFF8



83B5DB



636E6D



00ADA4



002E2B

Inverse Universe

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



DB8388



FF858C



DBA983



6E6363



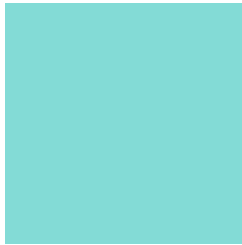
AD000A



2E0003

Previews

White Background



This preview shows how the Hex color 83DBD6 looks on a white background.

Color Contrast Check

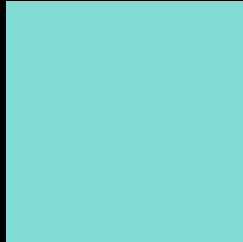
Large Text (above 18pt) WCAG AA × Fail

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 83DBD6 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 83DBD6 Background



This preview shows how black text looks on a background with the Hex color 83DBD6.

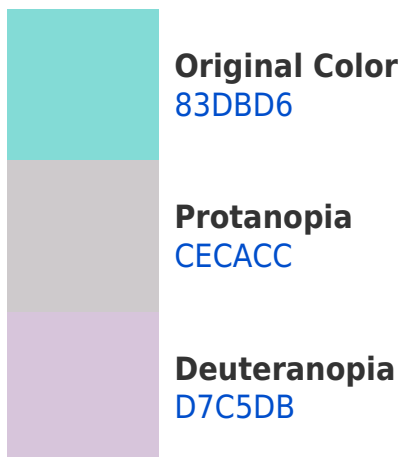


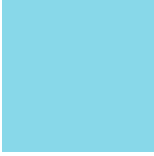
This preview shows how white text looks on a background with the Hex color 83DBD6.

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](#).

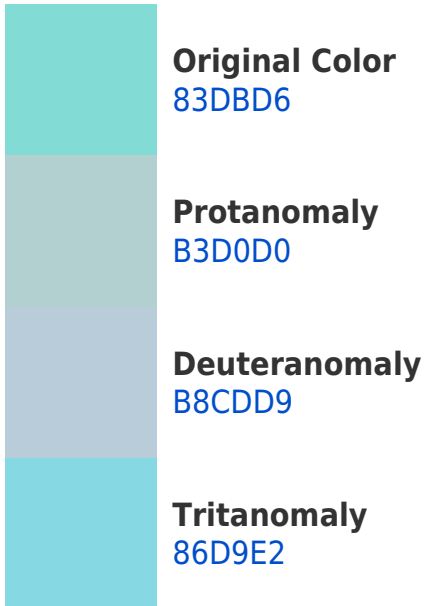
Dichromacy



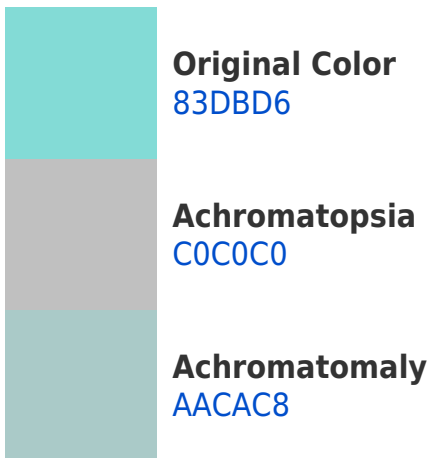


Tritanopia
88D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83DBD6 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 #83DBD6 looks like.

```
.text, #text, p{  
    color:#83DBD6  
}
```

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 #83DBD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83DBD6  
}
```

Border

The CSS property to change the border of an element to Hex 83DBD6 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  
#83DBD6 }
```

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

```
.border{ border-color:#83DBD6 }
```

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

Here you see how a box with a 4 pixel #83DBD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83DBD6; -webkit-box-shadow:4px 4px  
4px 4px #83DBD6; box-shadow:4px 4px 4px  
4px #83DBD6 }
```

Background

The CSS property to change the background color of an element to Hex 83DBD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83DBD6 }
```

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

```
.background{ background-color:#83DBD6 }
```

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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