

Converting Colors

Hex(83D0D7)

Have a look what the booklet for
Hex(83D0D7) contains.

Hex(83D0D7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(83D0D7)

Conversions

Conversions Part 1

Format	Color
Hex	83D0D7
RGB	131, 208, 215
RGB Percent	51%, 82%, 84%
CMY	0.4863, 0.1843, 0.1569
CMYK	0.39, 0.03, 0.00, 0.16
HSL	185°, 51%, 68%
HSV	185°, 39%, 84%
XYZ	44.1817, 54.8433, 72.5472
YIQ	185.7750, -48.1390, -14.1470

Conversions

Conversions Part 2

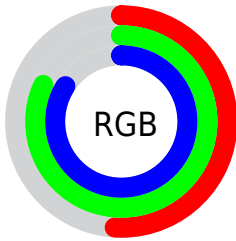
Format	Color
RYB	131, 171, 215
Decimal	8638679
CIELab	78.95, -21.95, -10.97
CIElCh	79, 24.541, 206.563
Yxy	54.8433, 0.2575, 0.3197
Android (android.graphics.Color)	4286828759 (0xFF83D0D7)
YUV	185.7750, 14.4079, -48.0377
Hunter-Lab	74.0563, -23.1061, -6.2424

Details

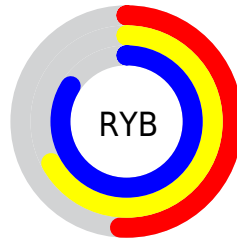
The Hex color **83D0D7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D78A83**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BBFFFF**, and **4B99A0** is the 20% darker color. If you saturate the color by 10%, you get **6ECED7**, and if you desaturate by 10%, it is **99D2D7**.

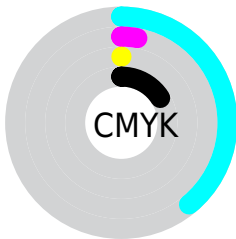
Distribution



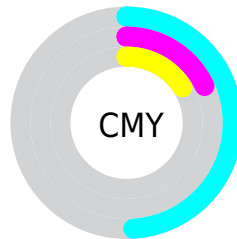
- Red (51%)
- Green (82%)
- Blue (84%)



- Red (51%)
- Yellow (67%)
- Blue (84%)



- Cyan (39%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83D0D7 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 83D0D7 by changing the saturation by 10% instead.

 83D0D7

 83D0D7

FFFFFF

 67B4BB

 BBFFFF

 4B99A0

 D8FFFF

 2E7F86

 F6FFFF

 03666D

 004E55

 00373D

 002228

 000114

 000000

83D0D7

83D0D7

6ECED7

99D2D7

58CCD7

AED4D7

42CBD7

C3D5D7

2DC9D7

D9D7D7

17C7D7

EED9D7

02C5D7

FFDBD7

00C5D7

FFDDD7

FFDED7

FFE0D7

Harmonies

Analogous

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



8ED0C0



83D0D7



8BCDE9

Triad

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



83D0D7



DFB7DD



D7C196

Complementary

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



83D0D7



D78A83

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.



EABA9E



83D0D7



EFB3C7

Square

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



83D0D7



C4BFEC



F2B4B0



BFC89A

Rectangle

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



83D0D7



9BC9EF



F2B4B0



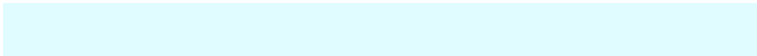
DEBE98

Sweetspot

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



83D0D7



E0FCFF



83D78A



6E7E80



000000



808080

Same Dimension

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



83D0D7



87F5FF



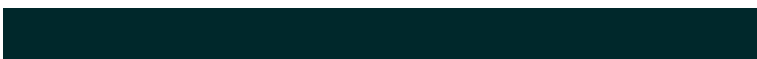
83A6D7



606A6B



009DAB



00282B

Inverse Universe

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



D783D0



FF87F5



D7B483



6B606A



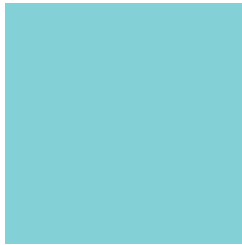
AB009D



2B0028

Previews

White Background



This preview shows how the Hex color 83D0D7 looks on a white background.

Color Contrast Check

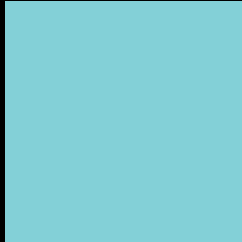
Large Text (above 18pt) WCAG AA × Fail

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 83D0D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

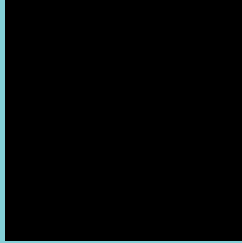
Any Text WCAG AA ✓ Pass

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 83D0D7 Background



This preview shows how black text looks on a background with the Hex color 83D0D7.

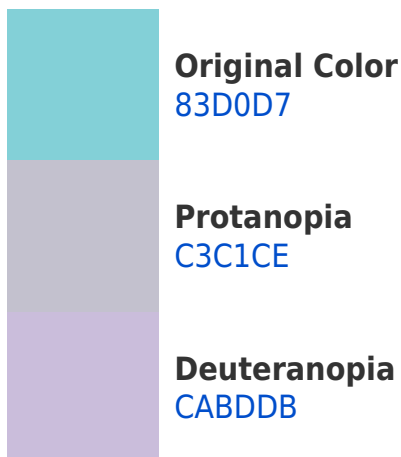


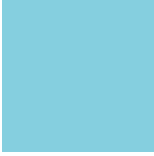
This preview shows how white text looks on a background with the Hex color 83D0D7.

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](#).

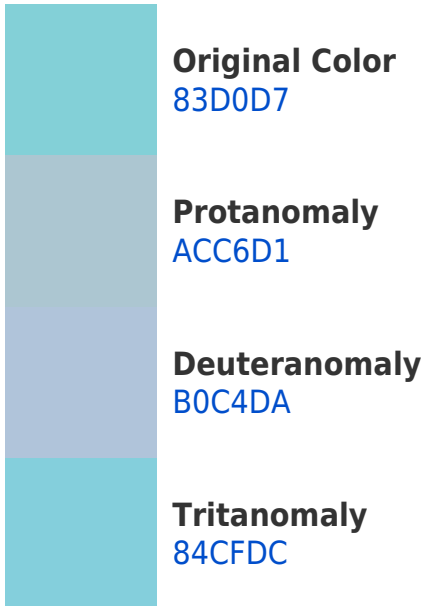
Dichromacy



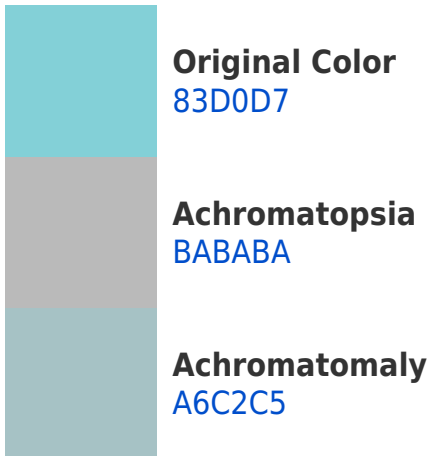


Tritanopia
85CFDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83D0D7 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 #83D0D7 looks like.

```
.text, #text, p{  
    color:#83D0D7  
}
```

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 #83D0D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D0D7
}
```

Border

The CSS property to change the border of an element to Hex 83D0D7 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
#83D0D7 }
```

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

```
.border{ border-color:#83D0D7 }
```

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

Here you see how a box with a 4 pixel #83D0D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D0D7; -webkit-box-shadow:4px 4px  
4px 4px #83D0D7; box-shadow:4px 4px 4px  
4px #83D0D7 }
```

Background

The CSS property to change the background color of an element to Hex 83D0D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D0D7 }
```

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

```
.background{ background-color:#83D0D7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor