

Converting Colors

Hex(83D2CB)

Have a look what the booklet for
Hex(83D2CB) contains.

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Color

Hex(83D2CB)

Conversions

Conversions Part 1

Format	Color
Hex	83D2CB
RGB	131, 210, 203
RGB Percent	51%, 82%, 80%
CMY	0.4863, 0.1765, 0.2039
CMYK	0.38, 0.00, 0.03, 0.18
HSL	175°, 47%, 67%
HSV	175°, 38%, 82%
XYZ	43.1862, 55.2303, 64.8843
YIQ	185.5810, -44.8370, -18.9250

Conversions

Conversions Part 2

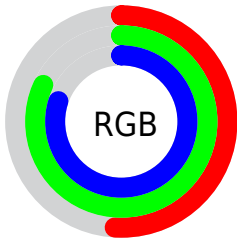
Format	Color
RYB	131, 172, 210
Decimal	8639179
CIELab	79.17, -25.84, -4.21
CIELCh	79, 26.182, 189.252
Yxy	55.2303, 0.2645, 0.3382
Android (android.graphics.Color)	4286829259 (0xFF83D2CB)
YUV	185.5810, 8.5876, -47.8675
Hunter-Lab	74.3171, -26.3273, 0.2574

Details

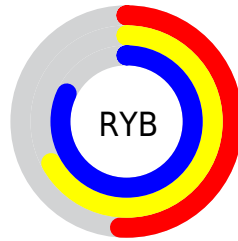
The Hex color **83D2CB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D2838A**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BBFFFF**, and **4C9B95** is the 20% darker color. If you saturate the color by 10%, you get **6ED2C9**, and if you desaturate by 10%, it is **98D2CD**.

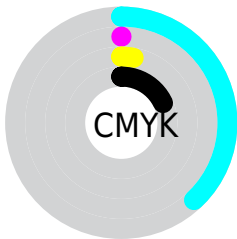
Distribution



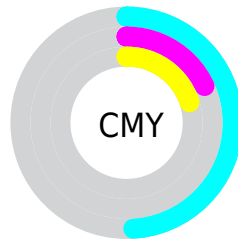
- Red (51%)
- Green (82%)
- Blue (80%)



- Red (51%)
- Yellow (67%)
- Blue (82%)



- Cyan (38%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (49%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83D2CB 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 83D2CB by changing the saturation by 10% instead.

 83D2CB

 83D2CB

FFFFFF

 68B6B0

 BBFFFF

 4C9B95

 D8FFFF

 2F817B

 F5FFFF

 096862

 004F4B

 003834

 00231F

 000007

 000000

 83D2CB

 83D2CB

 6ED2C9

 98D2CD

 59D2C7

 ADD2CF

 44D2C5

 C2D2D1

 2FD2C4

 D7D2D2

 1AD2C2

 ECD2D4

 05D2C0

 FFD2D6

 00D2BF

 FFD2D8

 FFD2DA

 FFD2DC

Harmonies

Analogous

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



98D0B2



83D2CB



7FD0E2

Triad

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



83D2CB



D2BBEA



E5BD97

Complementary

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



83D2CB



D2838A

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.



F3B6A6



83D2CB



EAB5D6

Square

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



83D2CB



B1C4F4



F5B3BD



CFC594

Rectangle

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



83D2CB



89CDED



F5B3BD



EBBA9B

Sweetspot

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



83D2CB



E3FFFD



8BD283



6F807E



000000



808080

Same Dimension

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



83D2CB



8CFFF5



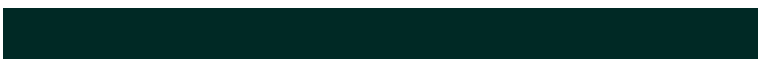
83B2D2



5E6968



00A899



002925

Inverse Universe

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



D2838A



FF8C96



D2A383



695E5F



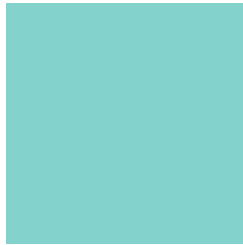
A8000F



290004

Previews

White Background



This preview shows how the Hex color 83D2CB looks on a white background.

Color Contrast Check

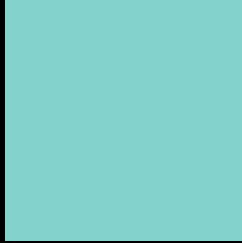
Large Text (above 18pt) WCAG AA × Fail

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 83D2CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

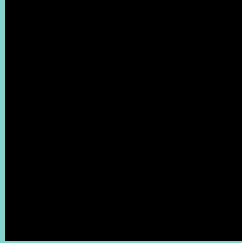
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

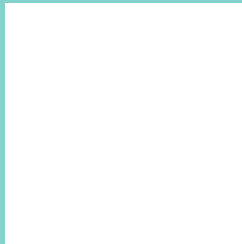
Any Text WCAG AAA ✓ Pass

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

Hex 83D2CB Background



This preview shows how black text looks on a background with the Hex color 83D2CB.

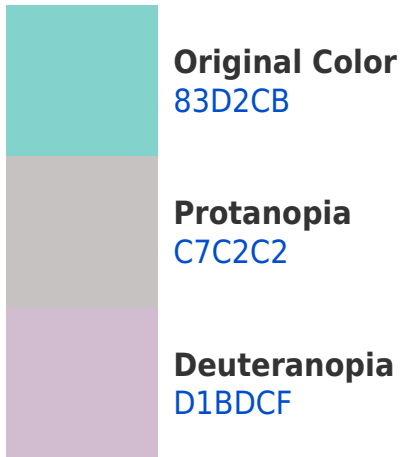


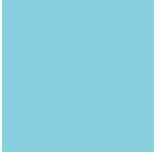
This preview shows how white text looks on a background with the Hex color 83D2CB.

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](#).

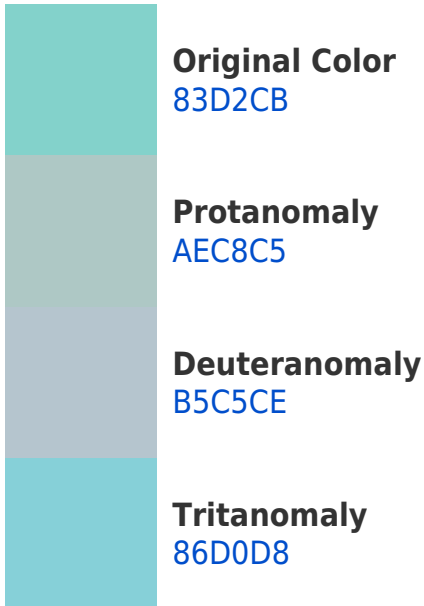
Dichromacy



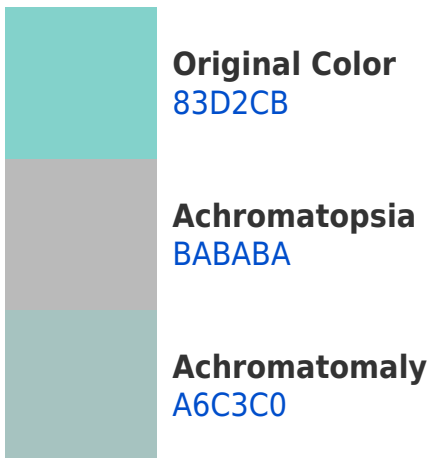


Tritanopia
88CFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83D2CB 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 #83D2CB looks like.

```
.text, #text, p{  
    color:#83D2CB  
}
```

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 #83D2CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D2CB
}
```

Border

The CSS property to change the border of an element to Hex 83D2CB 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
#83D2CB }
```

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

```
.border{ border-color:#83D2CB }
```

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

Here you see how a box with a 4 pixel #83D2CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D2CB; -webkit-box-shadow:4px 4px  
4px 4px #83D2CB; box-shadow:4px 4px 4px  
4px #83D2CB }
```

Background

The CSS property to change the background color of an element to Hex 83D2CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D2CB }
```

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

```
.background{ background-color:#83D2CB }
```

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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