

Converting Colors

Hex(83D6D0)

Have a look what the booklet for
Hex(83D6D0) contains.

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Color

Hex(83D6D0)

Conversions

Conversions Part 1

Format	Color
Hex	83D6D0
RGB	131, 214, 208
RGB Percent	51%, 84%, 82%
CMY	0.4863, 0.1608, 0.1843
CMYK	0.39, 0.00, 0.03, 0.16
HSL	176°, 50%, 68%
HSV	176°, 39%, 84%
XYZ	44.7918, 57.4725, 68.4070
YIQ	188.4990, -47.5420, -19.4620

Conversions

Conversions Part 2

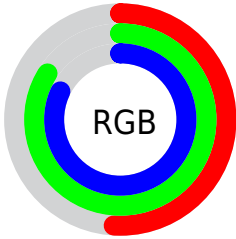
Format	Color
RYB	131, 174, 214
Decimal	8640208
CIELab	80.44, -26.61, -5.01
CIELCh	80, 27.081, 190.663
Yxy	57.4725, 0.2624, 0.3367
Android (android.graphics.Color)	4286830288 (0xFF83D6D0)
YUV	188.4990, 9.6140, -50.4266
Hunter-Lab	75.8106, -27.2040, -0.4324

Details

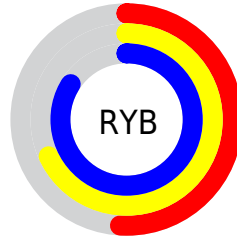
The Hex color **83D6D0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D68389**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **BBFFFF**, and **4B9F9A** is the 20% darker color. If you saturate the color by 10%, you get **6ED6CE**, and if you desaturate by 10%, it is **98D6D2**.

Distribution



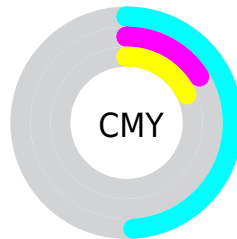
- Red (51%)
- Green (84%)
- Blue (82%)



- Red (51%)
- Yellow (68%)
- Blue (84%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 83D6D0 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 83D6D0 by changing the saturation by 10% instead.

 83D6D0

 83D6D0

FFFFFF

 67BAB4

 BBFFFF

 4B9F9A

 D8FFFF

 2E8580

 F6FFFF

 036B67

 00524F

 003B38

 002523

 00040D

 000000

 83D6D0

 83D6D0

 6ED6CE

 98D6D2

 58D6CD

 AED6D3

 43D6CB

 C3D6D5

 2DD6CA

 D9D6D6

 18D6C8

 EED6D8

 03D6C7

 FFD6D9

 00D6C7

 FFD6DB

 FFD6DC

 FFD6DE

Harmonies

Analogous

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



98D5B6



83D6D0



80D4E8

Triad

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



83D6D0



D7BEEE



E9C098

Complementary

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



83D6D0



D68389

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.



F8B9A8



83D6D0



F0B7D9

Square

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



83D6D0



B5C7F9



FBB5BF



D1C996

Rectangle

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



83D6D0



8BD1F3



FBB5BF



EFBE9C

Sweetspot

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



83D6D0



E0FFFD



8AD683



6E807E



000000



808080

Same Dimension

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



83D6D0



87FFF6



83B3D6



606B6A



00AB9E



002B28

Inverse Universe

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



D68389



FF8790



D6A683



6B6061



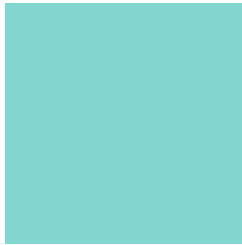
AB000C



2B0003

Previews

White Background



This preview shows how the Hex color 83D6D0 looks on a white background.

Color Contrast Check

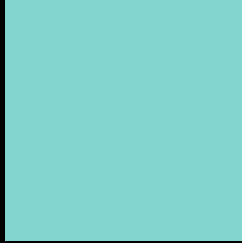
Large Text (above 18pt) WCAG AA × Fail

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 83D6D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

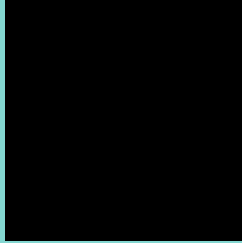
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

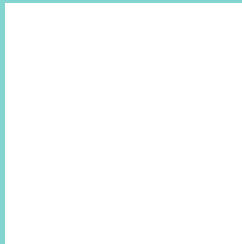
Any Text WCAG AAA ✓ Pass

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

Hex 83D6D0 Background



This preview shows how black text looks on a background with the Hex color 83D6D0.

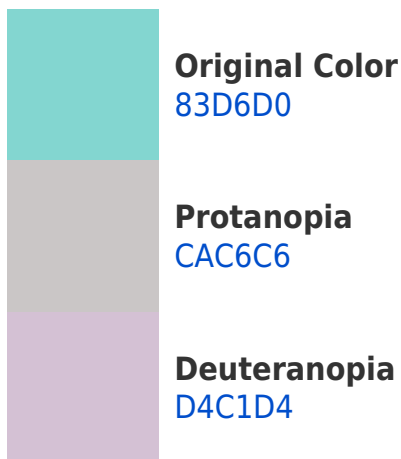


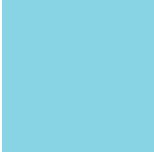
This preview shows how white text looks on a background with the Hex color 83D6D0.

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
88D3E4

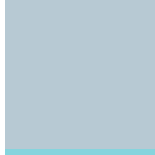
Trichromacy



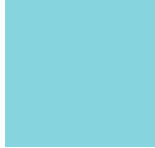
Original Color
83D6D0



Protanomaly
B0CCCA



Deuteranomaly
B7C9D3

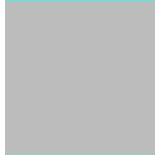


Tritanomaly
86D4DD

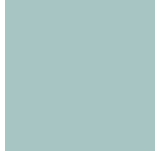
Monochromacy



Original Color
83D6D0



Achromatopsia
BCBCBC



Achromatomaly
A7C5C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 83D6D0 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 #83D6D0 looks like.

```
.text, #text, p{  
    color:#83D6D0  
}
```

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 #83D6D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D6D0
}
```

Border

The CSS property to change the border of an element to Hex 83D6D0 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
#83D6D0 }
```

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

```
.border{ border-color:#83D6D0 }
```

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

Here you see how a box with a 4 pixel #83D6D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D6D0; -webkit-box-shadow:4px 4px  
4px 4px #83D6D0; box-shadow:4px 4px 4px  
4px #83D6D0 }
```

Background

The CSS property to change the background color of an element to Hex 83D6D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D6D0 }
```

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

```
.background{ background-color:#83D6D0 }
```

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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