

# Converting Colors

Hex(83D7D7)

Have a look what the booklet for  
Hex(83D7D7) contains.

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**Color**

**Hex(83D7D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83D7D7
RGB	131, 215, 215
RGB Percent	51%, 84%, 84%
CMY	0.4863, 0.1569, 0.1569
CMYK	0.39, 0.00, 0.00, 0.16
HSL	180°, 51%, 68%
HSV	180°, 39%, 84%
XYZ	45.9263, 58.3325, 73.1287
YIQ	189.8840, -50.0640, -17.8080

# Conversions

## Conversions Part 2

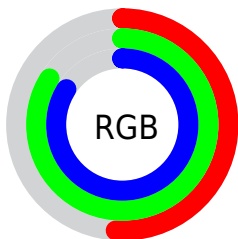
Format	Color
<a href="#">RYB</a>	<a href="#">131, 173, 215</a>
Decimal	<a href="#">8640471</a>
CIELab	<a href="#">80.92, -25.42, -8.04</a>
CIELCh	<a href="#">81, 26.660, 197.550</a>
Yxy	<a href="#">58.3325, 0.2589, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4286830551 (0xFF83D7D7)</a>
YUV	<a href="#">189.8840, 12.3822, -51.6413</a>
Hunter-Lab	<a href="#">76.3757, -26.3218, -3.3064</a>

# Details

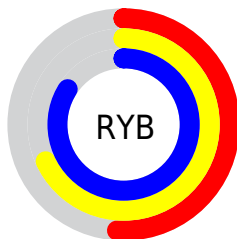
The Hex color **83D7D7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D78383**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **BCFFFF**, and **4BA0A0** is the 20% darker color. If you saturate the color by 10%, you get **6ED7D7**, and if you desaturate by 10%, it is **99D7D7**.

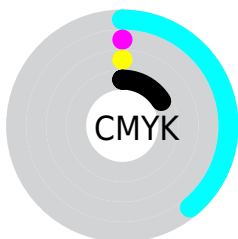
# Distribution



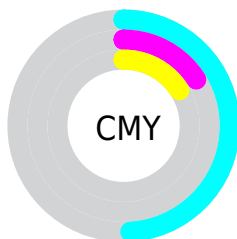
- Red (51%)
- Green (84%)
- Blue (84%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 83D7D7 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 83D7D7 by changing the saturation by 10% instead.



 83D7D7

 83D7D7

FFFFFF

 67BBBB

 BCFFFF

 4BA0A0

 D9FFFF

 2C8686

 F6FFFF

 006C6D

 005355

 003C3E

 002628

 000714

 000000

 83D7D7

 83D7D7

 6ED7D7

 99D7D7

 58D7D7

 AED7D7

 42D7D7

 C3D7D7

 2DD7D7

 D9D7D7

 17D7D7

 EED7D7

 02D7D7

 FFD7D7

 00D7D7

# Harmonies

## Analogous

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



95D6BD



83D7D7



85D4ED

# Triad

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



83D7D7



DFBEEB



E5C499

# Complementary

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



83D7D7



D78383

# 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.



F6BCA5



83D7D7



F4B8D4

# Square

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



83D7D7



BFC6F8



FCB7BB



CCCC99

# Rectangle

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



83D7D7



93D1F6



FCB7BB



ECC19C



# Sweetspot

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



83D7D7



E0FFFF



83D783



6E8080



000000



808080



# Same Dimension

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



83D7D7



87FFFF



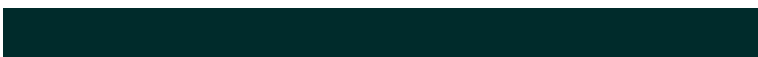
83ADD7



606B6B



00ABAB



002B2B



# Inverse Universe

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



D783D7



FF87FF



D7AD83



6B606B



AB00AB

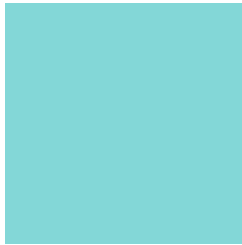


2B002B



# Previews

## White Background



This preview shows how the Hex color 83D7D7 looks on a white background.

## Color Contrast Check

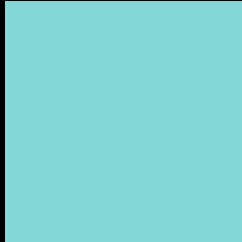
Large Text (above 18pt) WCAG AA × Fail

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 83D7D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

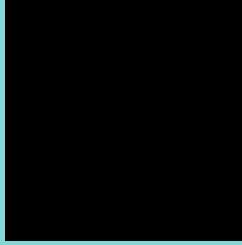
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

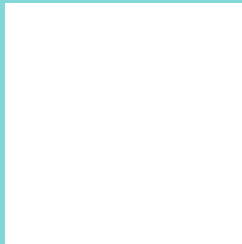
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 83D7D7 Background



This preview shows how black text looks on a background with the Hex color 83D7D7.

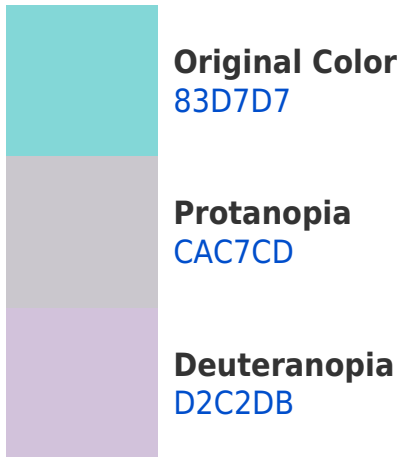


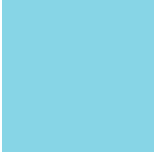
This preview shows how white text looks on a background with the Hex color 83D7D7.

# 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](#).

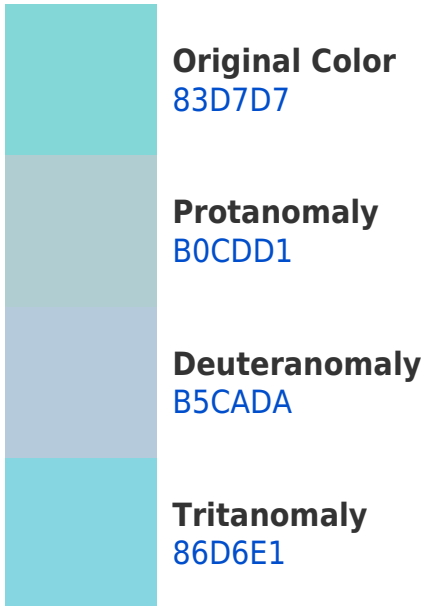
## Dichromacy



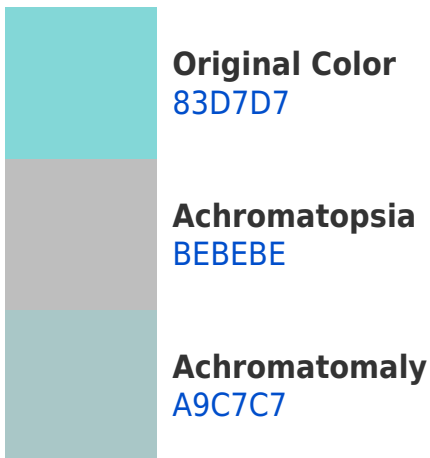


**Tritanopia**  
87D5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83D7D7 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 #83D7D7 looks like.

```
.text, #text, p{  
    color:#83D7D7  
}
```

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 #83D7D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D7D7
}
```

## Border

The CSS property to change the border of an element to Hex 83D7D7 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
#83D7D7 }
```

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

```
.border{ border-color:#83D7D7 }
```

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

Here you see how a box with a 4 pixel #83D7D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D7D7; -webkit-box-shadow:4px 4px  
4px 4px #83D7D7; box-shadow:4px 4px 4px  
4px #83D7D7 }
```

# Background

The CSS property to change the background color of an element to Hex 83D7D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D7D7 }
```

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

```
.background{ background-color:#83D7D7 }
```

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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