

# Converting Colors

Hex(4DC8B3)

Have a look what the booklet for  
Hex(4DC8B3) contains.

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# Color

**Hex(4DC8B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DC8B3
RGB	77, 200, 179
RGB Percent	30%, 78%, 70%
CMY	0.6980, 0.2157, 0.2980
CMYK	0.61, 0.00, 0.11, 0.22
HSL	170°, 53%, 54%
HSV	170°, 62%, 78%
XYZ	31.8515, 46.1410, 49.8752
YIQ	160.8290, -66.5670, -32.6070

# Conversions

## Conversions Part 2

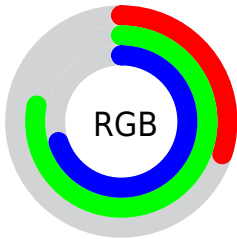
Format	Color
<a href="#">RYB</a>	<a href="#">77, 144, 200</a>
Decimal	<a href="#">5097651</a>
CIELab	<a href="#">73.64, -39.07, 0.37</a>
CIELCh	<a href="#">74, 39.071, 179.451</a>
Yxy	<a href="#">46.1410, 0.2491, 0.3608</a>
Android (android.graphics.Color)	<a href="#">4283287731 (0xFF4DC8B3)</a>
YUV	<a href="#">160.8290, 8.9583, -73.5180</a>
Hunter-Lab	<a href="#">67.9272, -35.1726, 4.0156</a>

# Details

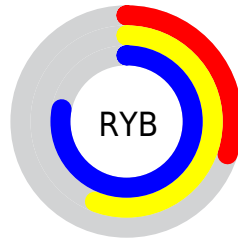
The Hex color **4DC8B3** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **C84D62**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **8AFFEB**, and **00917E** is the 20% darker color. If you saturate the color by 10%, you get **39C8B0**, and if you desaturate by 10%, it is **61C8B6**.

# Distribution



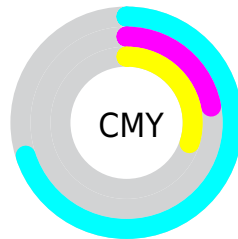
- Red (30%)
- Green (78%)
- Blue (70%)



- Red (30%)
- Yellow (56%)
- Blue (78%)



- Cyan (61%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)



- Cyan (70%)
- Magenta (22%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DC8B3 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 4DC8B3 by changing the saturation by 10% instead.



 4DC8B3

 4DC8B3

FFFFFF

 29AC98

 8AFFEB

 00917E

 A7FFFF

 007765

 C5FFFF

 005E4E

 E3FFFF

 004537

 002E22

 00150C

 000000

 4DC8B3

 4DC8B3

 39C8B0

 61C8B6

 25C8AC

 75C8BA

 11C8A9

 89C8BD

 00C8A6

 9DC8C1

 B1C8C4

 C5C8C7

 D9C8CB

 EDC8CE

 FFC8D2

# Harmonies

## Analogous

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



7DC58F



4DC8B3



1DC7D7

# Triad

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



4DC8B3



B8ACF3



EAA678

# Complementary

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



4DC8B3



C84D62

# 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.



FA9C93



4DC8B3



E1A0DA

# Square

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



4DC8B3



80B9FC



F899B7



CDB36D

# Rectangle

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



4DC8B3



2CC4EA



F899B7



F1A280

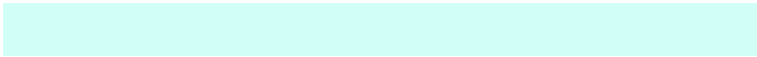


# Sweetspot

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



4DC8B3



D1FFF7



64C84D



63807B



000000



808080



# Same Dimension

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



4DC8B3



42FFDF



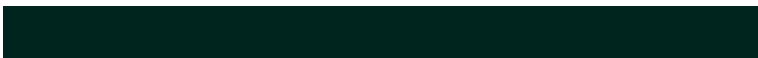
4DA1C8



5A6362



00A387



00241E



# Inverse Universe

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



C84D62



FF4263



C8744D



635A5B



A3001C

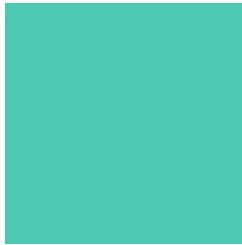


240006



# Previews

## White Background



This preview shows how the Hex color 4DC8B3 looks on a white background.

## Color Contrast Check

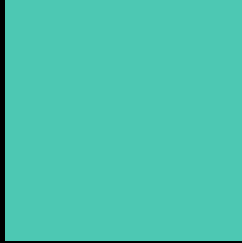
Large Text (above 18pt) WCAG AA × Fail

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 4DC8B3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

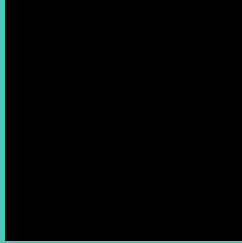
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

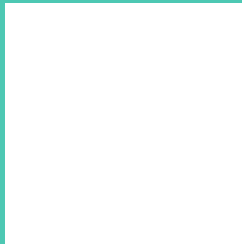
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4DC8B3 Background



This preview shows how black text looks on a background with the Hex color 4DC8B3.



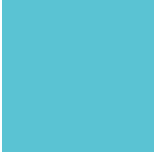
This preview shows how white text looks on a background with the Hex color 4DC8B3.

# 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**  
5AC3D3

# Trichromacy



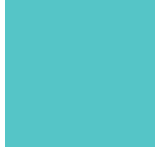
**Original Color**  
4DC8B3



**Protanomaly**  
92BBAB



**Deuteranomaly**  
98B7B7



**Tritanomaly**  
55C5C7

# Monochromacy



**Original Color**  
4DC8B3



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
82AFA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DC8B3 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 #4DC8B3 looks like.

```
.text, #text, p{  
    color:#4DC8B3  
}
```

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 #4DC8B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DC8B3
}
```

## Border

The CSS property to change the border of an element to Hex 4DC8B3 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
#4DC8B3 }
```

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

```
.border{ border-color:#4DC8B3 }
```

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

Here you see how a box with a 4 pixel #4DC8B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DC8B3; -webkit-box-shadow:4px 4px  
4px 4px #4DC8B3; box-shadow:4px 4px 4px  
4px #4DC8B3 }
```

# Background

The CSS property to change the background color of an element to Hex 4DC8B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DC8B3 }
```

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

```
.background{ background-color:#4DC8B3 }
```

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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