

# Converting Colors

Hex(4DD6BB)

Have a look what the booklet for  
Hex(4DD6BB) contains.

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# Color

**Hex(4DD6BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DD6BB
RGB	77, 214, 187
RGB Percent	30%, 84%, 73%
CMY	0.6980, 0.1608, 0.2667
CMYK	0.64, 0.00, 0.13, 0.16
HSL	168°, 63%, 57%
HSV	168°, 64%, 84%
XYZ	36.0768, 53.2588, 55.3922
YIQ	169.9590, -72.9850, -37.4410

# Conversions

## Conversions Part 2

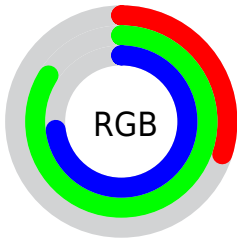
Format	Color
<a href="#">RYB</a>	<a href="#">77, 153, 214</a>
Decimal	<a href="#">5101243</a>
CIELab	<a href="#">78.03, -43.27, 2.46</a>
CIELCh	<a href="#">78, 43.340, 176.749</a>
Yxy	<a href="#">53.2588, 0.2493, 0.3680</a>
Android (android.graphics.Color)	<a href="#">4283291323 (0xFF4DD6BB)</a>
YUV	<a href="#">169.9590, 8.4012, -81.5250</a>
Hunter-Lab	<a href="#">72.9786, -39.4716, 6.0827</a>

# Details

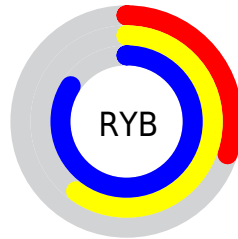
The Hex color **4DD6BB** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **D64D68**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **8CFFF3**, and **009E86** is the 20% darker color. If you saturate the color by 10%, you get **38D6B7**, and if you desaturate by 10%, it is **62D6BF**.

# Distribution



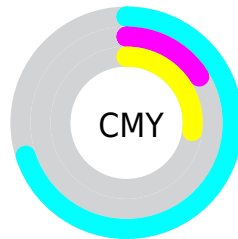
- Red (30%)
- Green (84%)
- Blue (73%)



- Red (30%)
- Yellow (60%)
- Blue (84%)



- Cyan (64%)
- Magenta (0%)
- Yellow (13%)
- Black (16%)



- Cyan (70%)
- Magenta (16%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DD6BB 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 4DD6BB by changing the saturation by 10% instead.





4DD6BB



4DD6BB

FFFFFF



26BAA0



8CFFF3



009E86



AAFFFF



00846D



C8FFFF



006A54



E7FFFF



00513D



003828



002313



000000



4DD6BB



4DD6BB

 38D6B7

 62D6BF

 22D6B3

 78D6C3

 0DD6AE

 8DD6C8

 00D6AC

 A3D6CC

 B8D6D0

 CDD6D4

 E3D6D9

 F8D6DD

 FFD6E1

# Harmonies

## Analogous

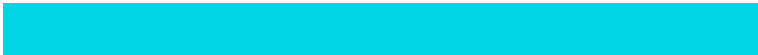
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86D293



4DD6BB



00D6E4

# Triad

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



4DD6BB



BFB8FF



FEAF7F

# Complementary

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



4DD6BB



D64D68

# 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.



FFA49F



4DD6BB



EFAAEE

# Square

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



4DD6BB



7DC6FF



FFA2C7



DFBD70

# Rectangle

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



4DD6BB



00D3FA



FFA2C7



FFAB88

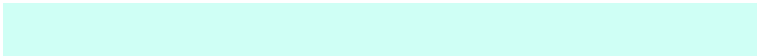


# Sweetspot

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



4DD6BB



CFFF5



68D64D



62807A



000000



808080



# Same Dimension

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



4DD6BB



3BFFD8



4DADD6



606B69



00AB89



002B23



# Inverse Universe

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



D64D68



FF3B61



D6764D



6B6063



AB0022

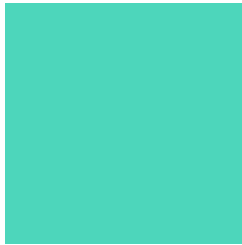


2B0009



# Previews

## White Background



This preview shows how the Hex color 4DD6BB looks on a white background.

## Color Contrast Check

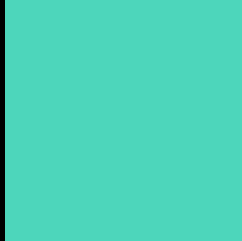
Large Text (above 18pt) WCAG AA × Fail

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 4DD6BB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

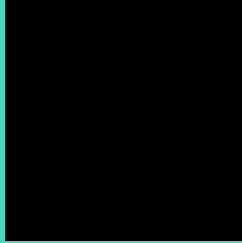
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

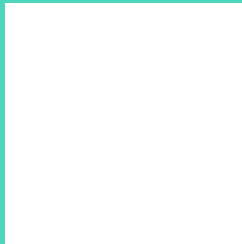
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4DD6BB Background



This preview shows how black text looks on a background with the Hex color 4DD6BB.



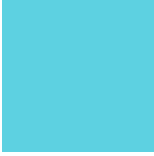
This preview shows how white text looks on a background with the Hex color 4DD6BB.

# 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**  
5DD1E1

# Trichromacy



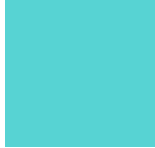
**Original Color**  
4DD6BB



**Protanomaly**  
9BC7B3



**Deuteranomaly**  
A1C4BF

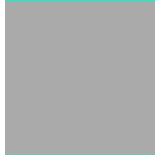


**Tritanomaly**  
57D3D3

# Monochromacy



**Original Color**  
4DD6BB



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
88BAB0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DD6BB 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 #4DD6BB looks like.

```
.text, #text, p{  
  color:#4DD6BB  
}
```

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 #4DD6BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DD6BB  
}
```

## Border

The CSS property to change the border of an element to Hex 4DD6BB 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  
#4DD6BB }
```

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

```
.border{ border-color:#4DD6BB }
```

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

Here you see how a box with a 4 pixel #4DD6BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DD6BB; -webkit-box-shadow:4px 4px  
4px 4px #4DD6BB; box-shadow:4px 4px 4px  
4px #4DD6BB }
```

# Background

The CSS property to change the background color of an element to Hex 4DD6BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DD6BB }
```

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

```
.background{ background-color:#4DD6BB }
```

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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