

Converting Colors

Hex(4DDCD2)

Have a look what the booklet for
Hex(4DDCD2) contains.

Hex(4DDCD2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4DDCD2)

Conversions

Conversions Part 1

Format	Color
Hex	4DDCD2
RGB	77, 220, 210
RGB Percent	30%, 86%, 82%
CMY	0.6980, 0.1373, 0.1765
CMYK	0.65, 0.00, 0.05, 0.14
HSL	176°, 67%, 58%
HSV	176°, 65%, 86%
XYZ	40.2866, 57.4173, 69.9321
YIQ	176.1030, -82.0180, -33.4260

Conversions

Conversions Part 2

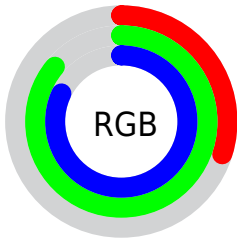
Format	Color
RYB	77, 151, 220
Decimal	5102802
CIELab	80.41, -39.99, -6.33
CIELCh	80, 40.487, 188.991
Yxy	57.4173, 0.2403, 0.3425
Android (android.graphics.Color)	4283292882 (0xFF4DDCD2)
YUV	176.1030, 16.7112, -86.9133
Hunter-Lab	75.7742, -37.7024, -1.6768

Details

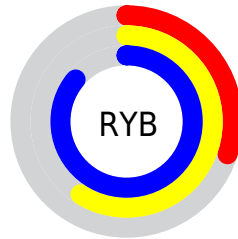
The Hex color **4DDCD2** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DC4D57**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **8EFFFF**, and **00A49C** is the 20% darker color. If you saturate the color by 10%, you get **37DCD0**, and if you desaturate by 10%, it is **63DCD4**.

Distribution



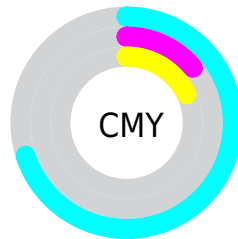
- Red (30%)
- Green (86%)
- Blue (82%)



- Red (30%)
- Yellow (59%)
- Blue (86%)



- Cyan (65%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (70%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DDCD2 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 4DDCD2 by changing the saturation by 10% instead.

 4DDCD2

 4DDCD2

FFFFFF

 22C0B6


 8EFFFF

 00A49C

 ADFFFF

 008982

 CBFFFF

 006F69

 EAFFFF

 005651

 003E3A

 002924

 000410

 000000

 4DDCD2

 4DDCD2

 37DCD0

 63DCD4

 21DCCF

 79DCD5

 0BDCCD

 8FDCD7

 00DCCD

 A5DCD8

 BBDCDA

 D1DCDB

 E7DCDD

 FDDCDE

 FFDCE0

Harmonies

Analogous

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



7EDAAB



4DDCD2



35DAF6

Triad

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



4DDCD2



DBBAFF



F7BC81

Complementary

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



4DDCD2



DC4D57

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.



FFB09A



4DDCD2



FFAEE3

Square

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



4DDCD2



A4C7FF



FFAABD



D6C97C

Rectangle

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



4DDCD2



51D6FF



FFAABD



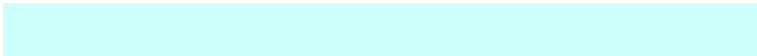
FFB888

Sweetspot

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



4DDCD2



CCFFFB



59DC4D



61807D



000000



808080

Same Dimension

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



4DDCD2



38FFF1



4DA0DC



636E6D



00ADA1



002E2B

Inverse Universe

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



DC4D57



FF3846



DC894D



6E6363



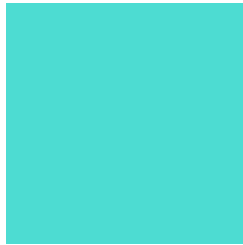
AD000C



2E0003

Previews

White Background



This preview shows how the Hex color 4DDCD2 looks on a white background.

Color Contrast Check

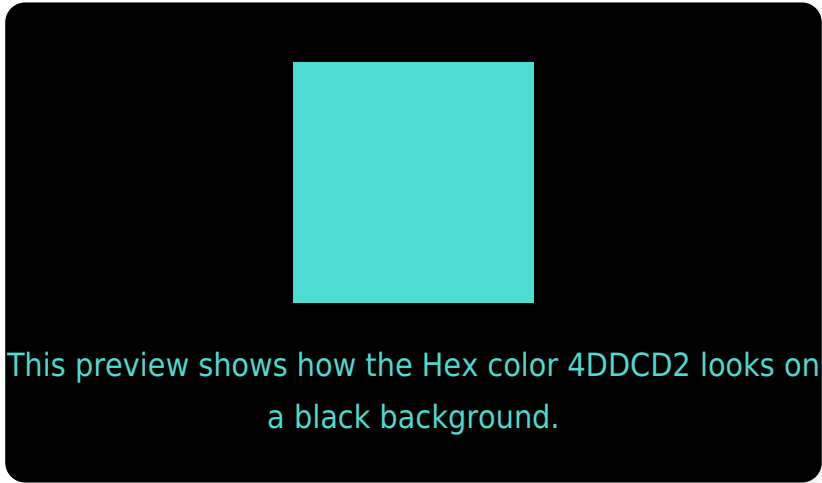
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

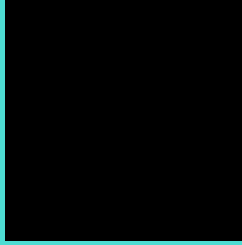
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

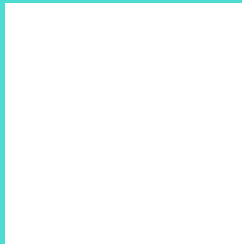
Any Text WCAG AAA ✓ Pass

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

Hex 4DDCD2 Background



This preview shows how black text looks on a background with the Hex color 4DDCD2.

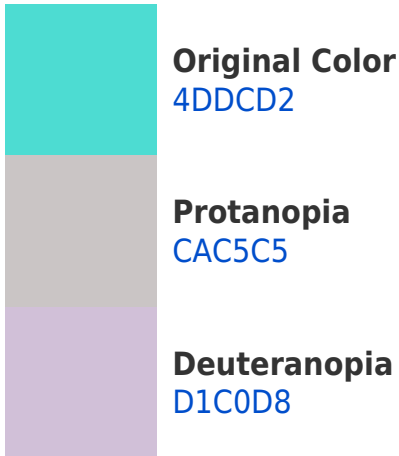


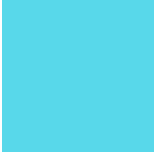
This preview shows how white text looks on a background with the Hex color 4DDCD2.

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](#).

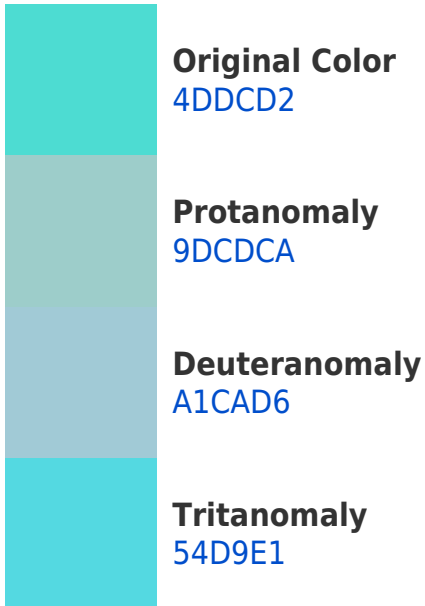
Dichromacy





Tritanopia
58D8EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DDCD2 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 #4DDCD2 looks like.

```
.text, #text, p{  
    color:#4DDCD2  
}
```

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 #4DDCD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DDCD2
}
```

Border

The CSS property to change the border of an element to Hex 4DDCD2 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
#4DDCD2 }
```

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

```
.border{ border-color:#4DDCD2 }
```

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

Here you see how a box with a 4 pixel #4DDCD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DDCD2; -webkit-box-shadow:4px 4px  
4px 4px #4DDCD2; box-shadow:4px 4px 4px  
4px #4DDCD2 }
```

Background

The CSS property to change the background color of an element to Hex 4DDCD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DDCD2 }
```

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

```
.background{ background-color:#4DDCD2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor