

Converting Colors

Hex(4CD880)

Have a look what the booklet for
Hex(4CD880) contains.

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Color

Hex(4CD880)

Conversions

Conversions Part 1

Format	Color
Hex	4CD880
RGB	76, 216, 128
RGB Percent	30%, 85%, 50%
CMY	0.7020, 0.1529, 0.4980
CMYK	0.65, 0.00, 0.41, 0.15
HSL	142°, 64%, 57%
HSV	142°, 65%, 85%
XYZ	31.4326, 52.2067, 28.8423
YIQ	164.1080, -55.1920, -57.0480

Conversions

Conversions Part 2

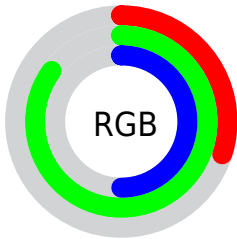
Format	Color
RYB	76, 178, 216
Decimal	5036160
CIELab	77.40, -56.84, 32.60
CIELCh	77, 65.521, 150.166
Yxy	52.2067, 0.2794, 0.4641
Android (android.graphics.Color)	4283226240 (0xFF4CD880)
YUV	164.1080, -17.8012, -77.2707
Hunter-Lab	72.2542, -48.7924, 26.9107

Details

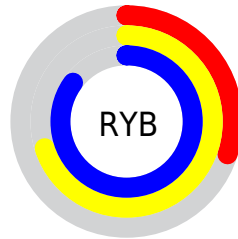
The Hex color **4CD880** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **D84CA4**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **8BFFB6**, and **00A04D** is the 20% darker color. If you saturate the color by 10%, you get **36D872**, and if you desaturate by 10%, it is **62D88E**.

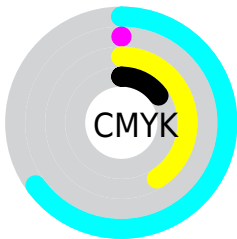
Distribution



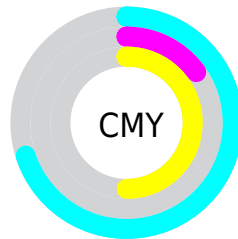
- Red (30%)
- Green (85%)
- Blue (50%)



- Red (30%)
- Yellow (70%)
- Blue (85%)



- Cyan (65%)
- Magenta (0%)
- Yellow (41%)
- Black (15%)



- Cyan (70%)
- Magenta (15%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CD880 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 4CD880 by changing the saturation by 10% instead.

 4CD880

 4CD880

FFFFFF

 25BC66

 8BFFB6

 00A04D

 A9FFD2

 008535

 C7FFEE

 006B1D

 E5FFFF

 005104

 003900

 002100

 000000

 4CD880

 4CD880

 36D872

 62D88E

 21D865

 77D89B

 0BD857

 8DD8A9

 00D850

 A2D8B6

 B8D8C4

 CED8D1

 E3D8DF

 F9D8ED

 FFD8FA

Harmonies

Analogous

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



A3CD4F



4CD880



00DDBE

Triad

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



4CD880



25C6FF



FF9086

Complementary

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



4CD880



D84CA4

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.



FF88C1



4CD880



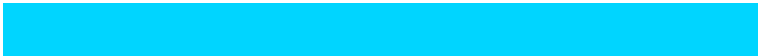
C1AFFF

Square

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



4CD880



00D5FF



FF96FD



FFA555

Rectangle

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



4CD880



00DDE7



FF96FD



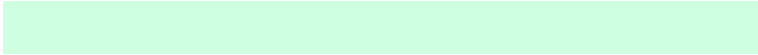
FF8B99

Sweetspot

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



4CD880



CFFFE1



A5D84C



62806D



000000



808080

Same Dimension

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



4CD880



38FF82



4CD8C5



606B64



00AB3F



002B10

Inverse Universe

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



D84CA4



FF38B5



D84C5F



6B6067



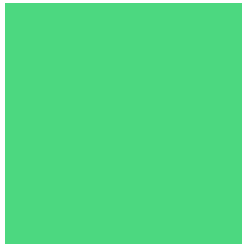
AB006B



2B001B

Previews

White Background



This preview shows how the Hex color 4CD880 looks on a white background.

Color Contrast Check

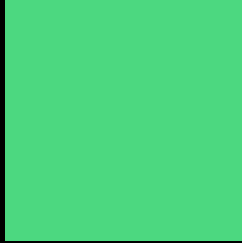
Large Text (above 18pt) WCAG AA × Fail

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 4CD880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

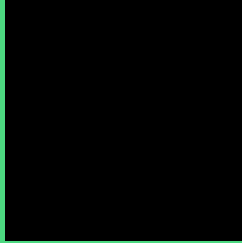
Any Text WCAG AA ✓ Pass

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 4CD880 Background



This preview shows how black text looks on a background with the Hex color 4CD880.

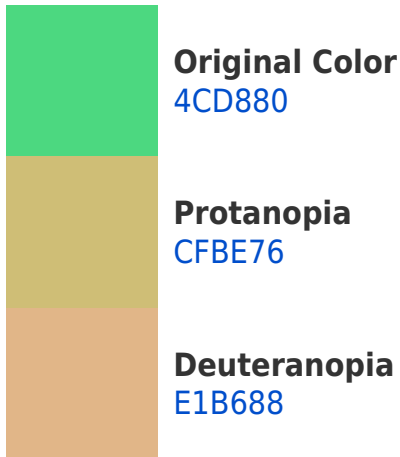


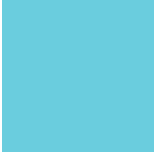
This preview shows how white text looks on a background with the Hex color 4CD880.

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
6ACDDE

Trichromacy



Original Color
4CD880



Protanomaly
9FC77A



Deuteranomaly
ABC285

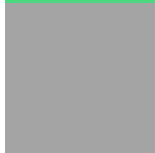


Tritanomaly
5FD1BC

Monochromacy



Original Color
4CD880



Achromatopsia
A4A4A4



Achromatomaly
84B797

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CD880 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 #4CD880 looks like.

```
.text, #text, p{  
    color:#4CD880  
}
```

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 #4CD880 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CD880
}
```

Border

The CSS property to change the border of an element to Hex 4CD880 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
#4CD880 }
```

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

```
.border{ border-color:#4CD880 }
```

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

Here you see how a box with a 4 pixel #4CD880 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CD880; -webkit-box-shadow:4px 4px  
4px 4px #4CD880; box-shadow:4px 4px 4px  
4px #4CD880 }
```

Background

The CSS property to change the background color of an element to Hex 4CD880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CD880 }
```

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

```
.background{ background-color:#4CD880 }
```

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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