

Converting Colors

Hex(4CD68D)

Have a look what the booklet for
Hex(4CD68D) contains.

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Color

Hex(4CD68D)

Conversions

Conversions Part 1

Format	Color
Hex	4CD68D
RGB	76, 214, 141
RGB Percent	30%, 84%, 55%
CMY	0.7020, 0.1608, 0.4471
CMYK	0.64, 0.00, 0.34, 0.16
HSL	148°, 63%, 57%
HSV	148°, 64%, 84%
XYZ	31.8348, 51.5527, 33.4721
YIQ	164.4160, -58.8150, -51.9590

Conversions

Conversions Part 2

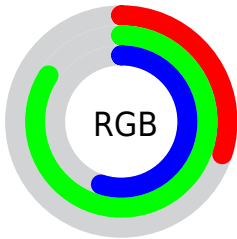
Format	Color
RYB	76, 170, 214
Decimal	5035661
CIELab	77.01, -53.68, 25.39
CIElCh	77, 59.381, 154.690
Yxy	51.5527, 0.2724, 0.4412
Android (android.graphics.Color)	4283225741 (0xFF4CD68D)
YUV	164.4160, -11.5441, -77.5408
Hunter-Lab	71.8002, -46.5071, 22.6201

Details

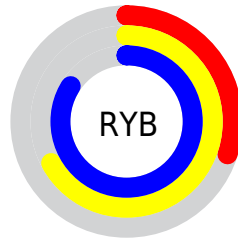
The Hex color **4CD68D** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D64C95**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **8AFFC3**, and **009E5A** is the 20% darker color. If you saturate the color by 10%, you get **37D682**, and if you desaturate by 10%, it is **61D698**.

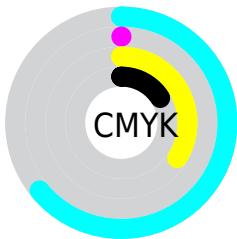
Distribution



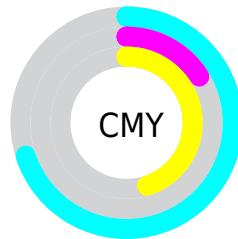
- Red (30%)
- Green (84%)
- Blue (55%)



- Red (30%)
- Yellow (67%)
- Blue (84%)



- Cyan (64%)
- Magenta (0%)
- Yellow (34%)
- Black (16%)



- Cyan (70%)
- Magenta (16%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CD68D 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 4CD68D by changing the saturation by 10% instead.

 4CD68D

 4CD68D

FFFFFF

 26BA73

 8AFFC3

 009E5A

 A8FFDF

 008342

 C6FFFC

 00692B

 E4FFFF

 005015

 003700

 002000

 000000

 4CD68D

 4CD68D

 37D682

 61D698

 21D676

 77D6A4

 0CD66B

 8CD6AF

 00D665

 A2D6BA

 B7D6C6

 CCD6D1

 E2D6DC

 F7D6E8

 FFD6F3

Harmonies

Analogous

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



9CCD5F



4CD68D



00DAC5

Triad

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



4CD68D



67C1FF



FF9782

Complementary

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



4CD68D



D64C95

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.



FF8EB8



4CD68D



CDACFF

Square

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



4CD68D



00D0FF



FF97EE



FFAA5A

Rectangle

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



4CD68D



00D9EA



FF97EE



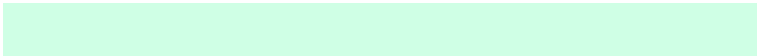
FF9293

Sweetspot

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



4CD68D



CFFFE5



96D64C



628070



000000



808080

Same Dimension

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



4CD68D



3BFF97



4CD6D1



606B65



00AB50



002B14

Inverse Universe

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



D64C95



FF3BA3



D64C51



6B6066



AB005A



2B0017

Previews

White Background



This preview shows how the Hex color 4CD68D looks on a white background.

Color Contrast Check

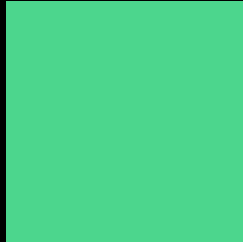
Large Text (above 18pt) WCAG AA × Fail

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 4CD68D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

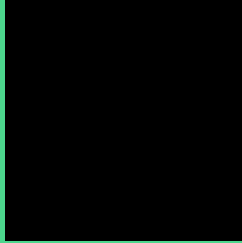
Any Text WCAG AA ✓ Pass

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 4CD68D Background



This preview shows how black text looks on a background with the Hex color 4CD68D.

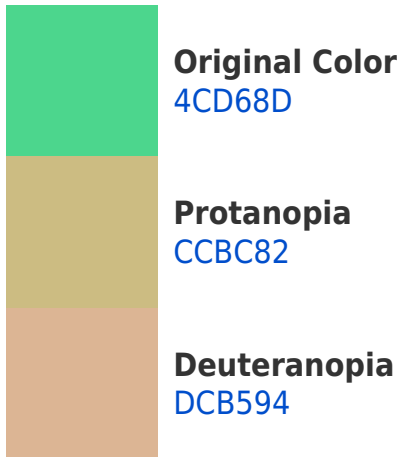


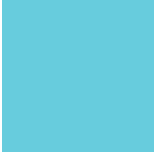
This preview shows how white text looks on a background with the Hex color 4CD68D.

Color Blindness Simulation

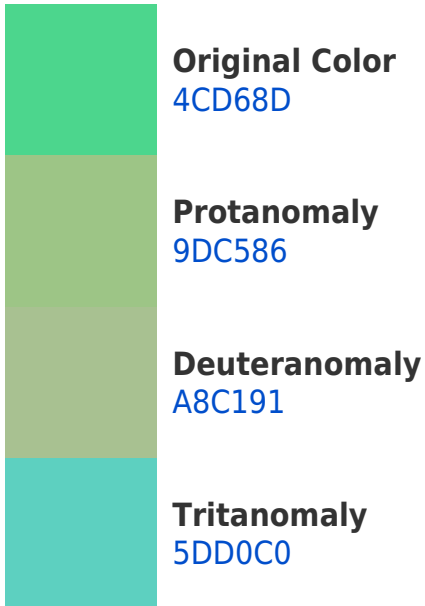
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

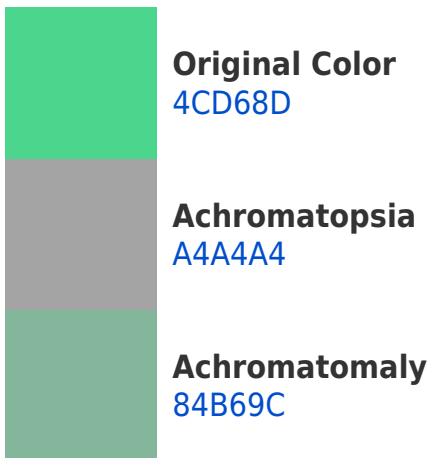




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CD68D 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 #4CD68D looks like.

```
.text, #text, p{  
    color:#4CD68D  
}
```

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 #4CD68D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CD68D
}
```

Border

The CSS property to change the border of an element to Hex 4CD68D 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
#4CD68D }
```

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

```
.border{ border-color:#4CD68D }
```

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

Here you see how a box with a 4 pixel #4CD68D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CD68D; -webkit-box-shadow:4px 4px  
4px 4px #4CD68D; box-shadow:4px 4px 4px  
4px #4CD68D }
```

Background

The CSS property to change the background color of an element to Hex 4CD68D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CD68D }
```

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

```
.background{ background-color:#4CD68D }
```

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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