

Converting Colors

Hex(4CD688)

Have a look what the booklet for
Hex(4CD688) contains.

Hex(4CD688)	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(4CD688)

Conversions

Conversions Part 1

Format	Color
Hex	4CD688
RGB	76, 214, 136
RGB Percent	30%, 84%, 53%
CMY	0.7020, 0.1608, 0.4667
CMYK	0.64, 0.00, 0.36, 0.16
HSL	146°, 63%, 57%
HSV	146°, 64%, 84%
XYZ	31.4710, 51.4072, 31.5564
YIQ	163.8460, -57.2100, -53.5140

Conversions

Conversions Part 2

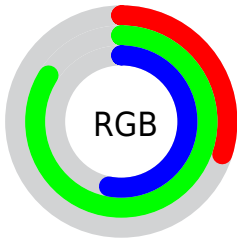
Format	Color
RYB	76, 172, 214
Decimal	5035656
CIELab	76.93, -54.63, 27.86
CIELCh	77, 61.325, 152.979
Yxy	51.4072, 0.2750, 0.4492
Android (android.graphics.Color)	4283225736 (0xFF4CD688)
YUV	163.8460, -13.7281, -77.0409
Hunter-Lab	71.6988, -47.1234, 24.0942

Details

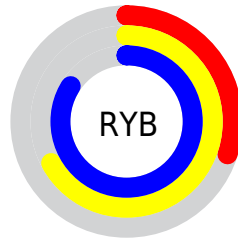
The Hex color **4CD688** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **D64C9A**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **8AFFBE**, and **009E55** is the 20% darker color. If you saturate the color by 10%, you get **37D67C**, and if you desaturate by 10%, it is **61D694**.

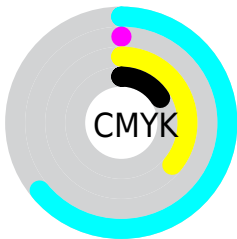
Distribution



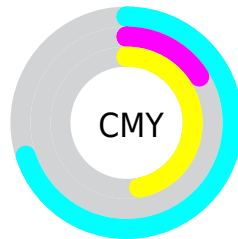
- Red (30%)
- Green (84%)
- Blue (53%)



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



- Cyan (64%)
- Magenta (0%)
- Yellow (36%)
- Black (16%)



- Cyan (70%)
- Magenta (16%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CD688 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 4CD688 by changing the saturation by 10% instead.

 4CD688

 4CD688

FFFFFF

 26BA6E

 8AFFBE

 009E55

 A8FFDA

 00833D

 C6FFF7

 006926

 E4FFFF

 00500F

 003700

 002000

 000000

 4CD688

 4CD688

 37D67C

 61D694

 21D670

 77D6A0

 0CD664

 8CD6AC

 00D65D

 A2D6B8

 B7D6C4

 CCD6D1

 E2D6DD

 F7D6E9

 FFD6F5

Harmonies

Analogous

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



9ECC5A



4CD688



00DAC2

Triad

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



4CD688



57C2FF



FF9483

Complementary

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



4CD688



D64C9A

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.



FF8CBA



4CD688



C8ADFF

Square

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



4CD688



00D1FF



FF96F3



FFA858

Rectangle

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



4CD688



00DAE8



FF96F3



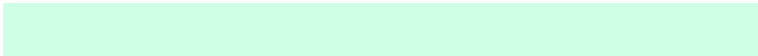
FF8F95

Sweetspot

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



4CD688



CFFFE4



9AD64C



62806F



000000



808080

Same Dimension

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



4CD688



3BFF90



4CD6CD



606B65



00AB4A



002B13

Inverse Universe

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



D64C9A



FF3BAA



D64C55



6B6066



AB0061



2B0019

Previews

White Background



This preview shows how the Hex color 4CD688 looks on a white background.

Color Contrast Check

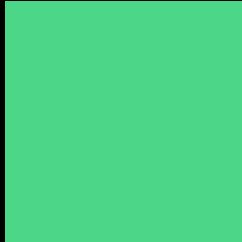
Large Text (above 18pt) WCAG AA × Fail

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 4CD688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

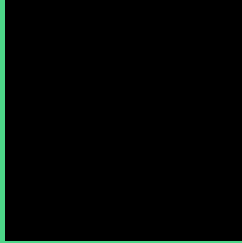
Any Text WCAG AA ✓ Pass

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 4CD688 Background



This preview shows how black text looks on a background with the Hex color 4CD688.

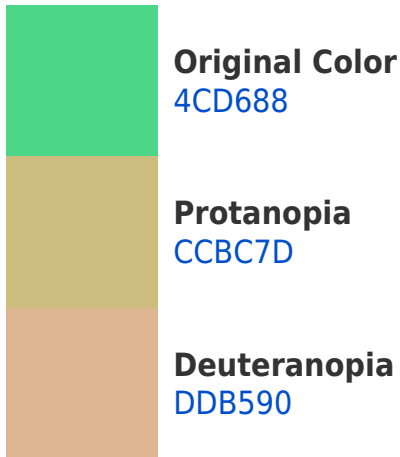


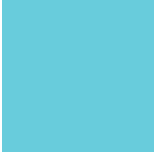
This preview shows how white text looks on a background with the Hex color 4CD688.

Color Blindness Simulation

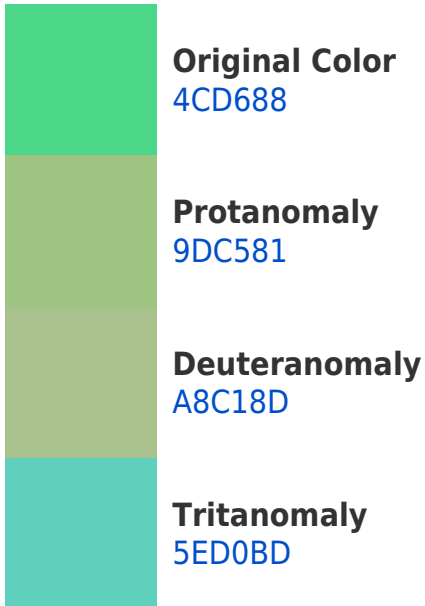
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

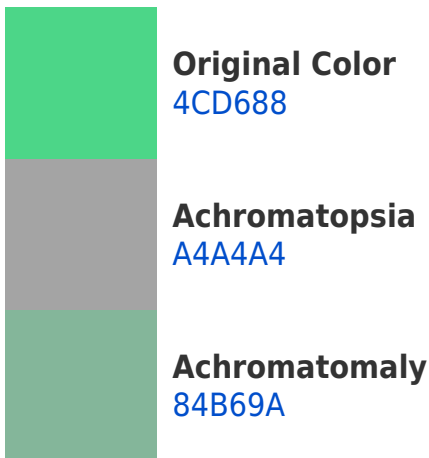




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CD688 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 #4CD688 looks like.

```
.text, #text, p{  
    color:#4CD688  
}
```

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 #4CD688 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CD688
}
```

Border

The CSS property to change the border of an element to Hex 4CD688 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
#4CD688 }
```

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

```
.border{ border-color:#4CD688 }
```

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

Here you see how a box with a 4 pixel #4CD688 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CD688; -webkit-box-shadow:4px 4px  
4px 4px #4CD688; box-shadow:4px 4px 4px  
4px #4CD688 }
```

Background

The CSS property to change the background color of an element to Hex 4CD688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CD688 }
```

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

```
.background{ background-color:#4CD688 }
```

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