

Converting Colors

Hex(4CD97C)

Have a look what the booklet for
Hex(4CD97C) contains.

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Color

Hex(4CD97C)

Conversions

Conversions Part 1

Format	Color
Hex	4CD97C
RGB	76, 217, 124
RGB Percent	30%, 85%, 49%
CMY	0.7020, 0.1490, 0.5137
CMYK	0.65, 0.00, 0.43, 0.15
HSL	140°, 65%, 57%
HSV	140°, 65%, 85%
XYZ	31.4314, 52.6174, 27.5684
YIQ	164.2390, -54.1830, -58.8150

Conversions

Conversions Part 2

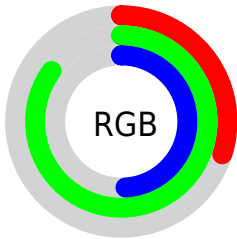
Format	Color
RYB	76, 181, 217
Decimal	5036412
CIELab	77.65, -57.89, 34.94
CIELCh	78, 67.619, 148.891
Yxy	52.6174, 0.2816, 0.4714
Android (android.graphics.Color)	4283226492 (0xFF4CD97C)
YUV	164.2390, -19.8378, -77.3856
Hunter-Lab	72.5379, -49.5953, 28.2431

Details

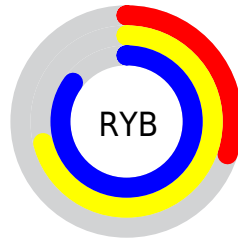
The Hex color **4CD97C** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **D94CA9**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **8BFFB2**, and **00A149** is the 20% darker color. If you saturate the color by 10%, you get **36D96E**, and if you desaturate by 10%, it is **62D98A**.

Distribution



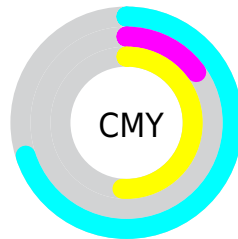
- Red (30%)
- Green (85%)
- Blue (49%)



- Red (30%)
- Yellow (71%)
- Blue (85%)



- Cyan (65%)
- Magenta (0%)
- Yellow (43%)
- Black (15%)



- Cyan (70%)
- Magenta (15%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CD97C 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 4CD97C by changing the saturation by 10% instead.

 4CD97C

 4CD97C

FFFFFF

 25BD62

 8BFFB2

 00A149

 A9FFCD

 008631

 C7FFEA

 006B19

 E5FFFF

 005200

 003900

 002200

 000000

 4CD97C

 4CD97C

 36D96E

 62D98A

 21D95F

 77D999

 0BD951

 8DD9A7

 00D94A

 A3D9B5

 B9D9C4

 CED9D2

 E4D9E0

 FAD9EF

 FFD9FD

Harmonies

Analogous

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



A5CE4A



4CD97C



00DEBB

Triad

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



4CD97C



00C8FF



FF8E87

Complementary

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



4CD97C



D94CA9

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.



FF86C5



4CD97C



BDB0FF

Square

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



4CD97C



00D7FF



FF96FF



FFA454

Rectangle

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



4CD97C



00DEE7



FF96FF



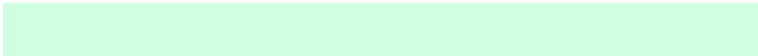
FF899B

Sweetspot

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



4CD97C



CFFFDf



AAD94C



62806C



000000



808080

Same Dimension

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



4CD97C



38FF7C



4CD9C1



636E66



00AD3B



002E10

Inverse Universe

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



D94CA9



FF38BB



D94C64



6E636A



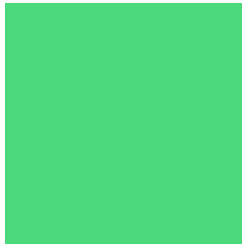
AD0072



2E001E

Previews

White Background



This preview shows how the Hex color 4CD97C 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 4CD97C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

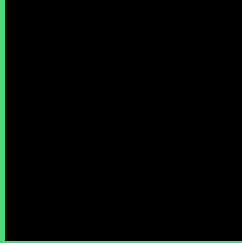
Any Text WCAG AA ✓ Pass

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 4CD97C Background



This preview shows how black text looks on a background with the Hex color 4CD97C.

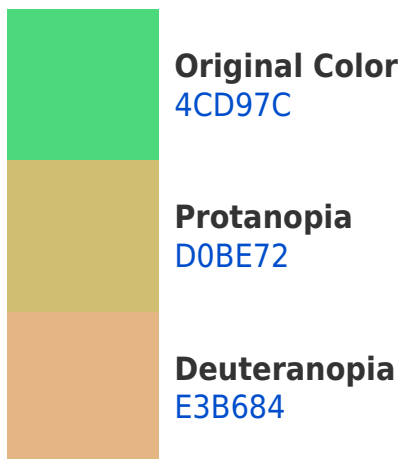


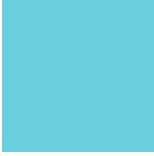
This preview shows how white text looks on a background with the Hex color 4CD97C.

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



Original Color
4CD97C



Protanomaly
A0C876



Deuteranomaly
ACC381



Tritanomaly
60D2BA

Monochromacy



Original Color
4CD97C



Achromatopsia
A4A4A4



Achromatomaly
84B795

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CD97C 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 #4CD97C looks like.

```
.text, #text, p{  
    color:#4CD97C  
}
```

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 #4CD97C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CD97C
}
```

Border

The CSS property to change the border of an element to Hex 4CD97C 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
#4CD97C }
```

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

```
.border{ border-color:#4CD97C }
```

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

Here you see how a box with a 4 pixel #4CD97C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CD97C; -webkit-box-shadow:4px 4px  
4px 4px #4CD97C; box-shadow:4px 4px 4px  
4px #4CD97C }
```

Background

The CSS property to change the background color of an element to Hex 4CD97C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CD97C }
```

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

```
.background{ background-color:#4CD97C }
```

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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