

Converting Colors

Hex(4CDB77)

Have a look what the booklet for
Hex(4CDB77) contains.

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Color

Hex(4CDB77)

Conversions

Conversions Part 1

Format	Color
Hex	4CDB77
RGB	76, 219, 119
RGB Percent	30%, 86%, 47%
CMY	0.7020, 0.1412, 0.5333
CMYK	0.65, 0.00, 0.46, 0.14
HSL	138°, 67%, 58%
HSV	138°, 65%, 86%
XYZ	31.6418, 53.5314, 26.1177
YIQ	164.8430, -53.1280, -61.4160

Conversions

Conversions Part 2

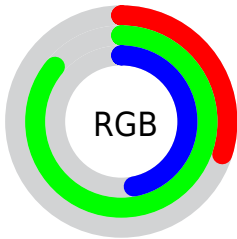
Format	Color
RYB	76, 186, 219
Decimal	5036919
CIELab	78.19, -59.45, 38.13
CIELCh	78, 70.624, 147.327
Yxy	53.5314, 0.2843, 0.4810
Android (android.graphics.Color)	4283226999 (0xFF4CDB77)
YUV	164.8430, -22.6006, -77.9153
Hunter-Lab	73.1652, -50.8431, 30.0510

Details

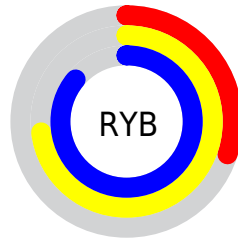
The Hex color **4CDB77** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DB4CB0**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **8BFFAD**, and **00A344** is the 20% darker color. If you saturate the color by 10%, you get **36DB68**, and if you desaturate by 10%, it is **62DB86**.

Distribution



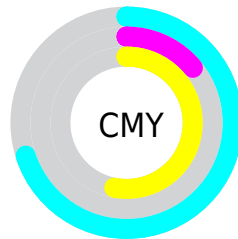
- Red (30%)
- Green (86%)
- Blue (47%)



- Red (30%)
- Yellow (73%)
- Blue (86%)



- Cyan (65%)
- Magenta (0%)
- Yellow (46%)
- Black (14%)



- Cyan (70%)
- Magenta (14%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CDB77 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 4CDB77 by changing the saturation by 10% instead.



4CDB77



4CDB77

FFFFFF



24BF5D



8BFFAD



00A344



A9FFC8



00882C



C8FFE5



006D11



E6FFFF



005300



003B00



002300



000000



4CDB77



4CDB77

 36DB68

 62DB86

 20DB58

 78DB96

 0ADB49

 8EDBA5

 00DB42

 A4DBB4

 BADBC4

 CFDBD3

 E5DBE2

 FBDBF2

 FFDBFF

Harmonies

Analogous

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



A9CF42



4CDB77



00E0B9

Triad

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



4CDB77



00CBFF



FF8B89

Complementary

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



4CDB77



DB4CB0

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.



FF84CA



4CDB77



B8B2FF

Square

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



4CDB77



00DAFF



FF96FF



FFA352

Rectangle

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



4CDB77



00E1E6



FF96FF



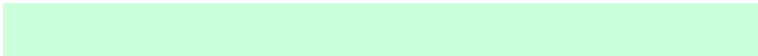
FF869E

Sweetspot

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



4CDB77



CCFFDB



B0DB4C



61806A



000000



808080

Same Dimension

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



4CDB77



38FF74



4CDBBE



636E66



00AD34



002E0E

Inverse Universe

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



DB4CB0



FF38C3



DB4C69



6E636A



AD0079



2E0020

Previews

White Background



This preview shows how the Hex color 4CDB77 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 4CDB77 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

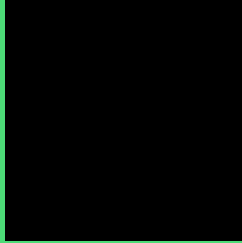
Any Text WCAG AA ✓ Pass

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 4CDB77 Background



This preview shows how black text looks on a background with the Hex color 4CDB77.

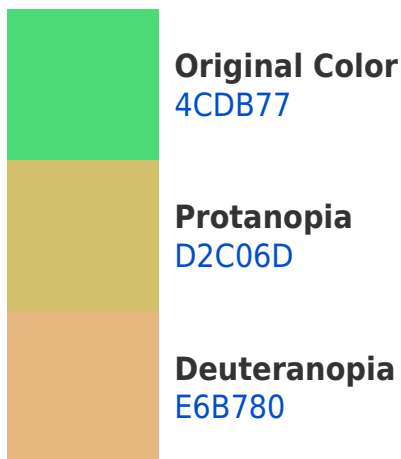


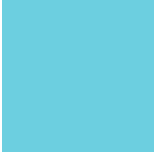
This preview shows how white text looks on a background with the Hex color 4CDB77.

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
6CCFE0

Trichromacy



Original Color
4CDB77



Protanomaly
A1CA71



Deuteranomaly
AEC47D



Tritanomaly
60D3BA

Monochromacy



Original Color
4CDB77



Achromatopsia
A5A5A5



Achromatomaly
85B994

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CDB77 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 #4CDB77 looks like.

```
.text, #text, p{  
    color:#4CDB77  
}
```

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 #4CDB77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CDB77
}
```

Border

The CSS property to change the border of an element to Hex 4CDB77 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
#4CDB77 }
```

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

```
.border{ border-color:#4CDB77 }
```

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

Here you see how a box with a 4 pixel #4CDB77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CDB77; -webkit-box-shadow:4px 4px  
4px 4px #4CDB77; box-shadow:4px 4px 4px  
4px #4CDB77 }
```

Background

The CSS property to change the background color of an element to Hex 4CDB77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CDB77 }
```

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

```
.background{ background-color:#4CDB77 }
```

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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