

Converting Colors

Hex(C4D246)

Have a look what the booklet for
Hex(C4D246) contains.

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Color

Hex(C4D246)

Conversions

Conversions Part 1	
Format	Color
Hex	C4D246
RGB	196, 210, 70
RGB Percent	77%, 82%, 27%
CMY	0.2314, 0.1765, 0.7255
CMYK	0.07, 0.00, 0.67, 0.18
HSL	66°, 61%, 55%
HSV	66°, 67%, 82%
XYZ	46.9170, 58.2711, 14.5690
YIQ	189.8540, 36.5960, -46.5080

Conversions

Conversions Part 2

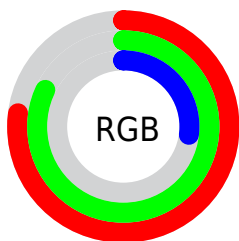
Format	Color
RYB	70, 210, 84
Decimal	12898886
CIELab	80.89, -22.47, 64.76
CIELCh	81, 68.544, 109.138
Yxy	58.2711, 0.3918, 0.4866
Android (android.graphics.Color)	4291088966 (0xFFC4D246)
YUV	189.8540, -59.0880, 5.3900
Hunter-Lab	76.3355, -23.8783, 42.1191

Details

The Hex color **C4D246** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **5446D2**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFF7D**, and **8B9C00** is the 20% darker color. If you saturate the color by 10%, you get **C2D231**, and if you desaturate by 10%, it is **C6D25B**.

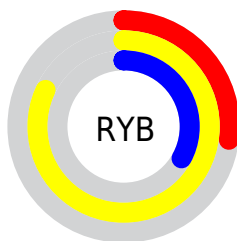
Distribution



Red (77%)

Green (82%)

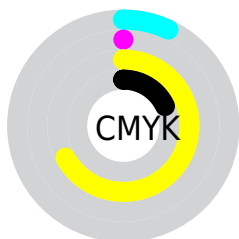
Blue (27%)



Red (27%)

Yellow (82%)

Blue (33%)

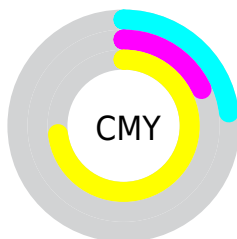


Cyan (7%)

Magenta (0%)

Yellow (67%)

Black (18%)



Cyan (23%)

Magenta (18%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4D246 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 C4D246 by changing the saturation by 10% instead.



C4D246



C4D246

FFFFFF



A7B628



FFFF7D



8B9C00



FFF999



6F8200



FFFFB5



546900



FFFD20



395000



FFFEF0



1E3900



012400



000600



000000

 C4D246

 C4D246

 C2D231

 C6D25B

 C0D21C

 C8D270

 BED207

 CAD285

 BDD200

 CCD29A

 CFD2AF

 D1D2C4

 D3D2D9

 D5D2EE

 D7D2FF

Harmonies

Analogous

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



FFBD44



C4D246



78E071

Triad

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



C4D246



00E3FF



FF92E3

Complementary

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



C4D246



5446D2

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.



FFA7FF



C4D246



00D7FF

Square

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



C4D246



00E8F1



A2C1FF



FF91A2

Rectangle

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



C4D246



00E599



A2C1FF



FF97F8

Sweetspot

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



C4D246



FAFFCC



D25446



7C8061



000000



808080

Same Dimension

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



C4D246



EBFF33



80D246



68695E



97A800



252900

Inverse Universe

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



5446D2



4733FF



9A46D2



5F5E69



1100A8



040029

Previews

White Background



This preview shows how the Hex color C4D246 looks on a white background.

Color Contrast Check

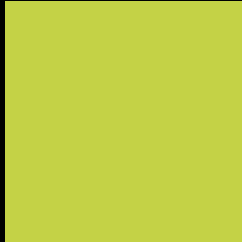
Large Text (above 18pt) WCAG AA × Fail

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 C4D246 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 C4D246 Background



This preview shows how black text looks on a background with the Hex color C4D246.



This preview shows how white text looks on a background with the Hex color C4D246.

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







Original Color
C4D246

Protanopia
E0C944

Deuteranopia
FABF4D

Trichromacy

	Original Color C4D246
	Protanomaly D6CC45
	Deuteranomaly E6C64A
	Tritanomaly CDC9A0

Monochromacy

	Original Color C4D246
	Achromatopsia BEBEBE
	Achromatomaly C0C592

CSS Examples

Text

The CSS property to change the color of the text to Hex C4D246 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 #C4D246 looks like.

```
.text, #text, p{  
    color:#C4D246  
}
```

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 #C4D246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4D246
}
```

Border

The CSS property to change the border of an element to Hex C4D246 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
#C4D246 }
```

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

```
.border{ border-color:#C4D246 }
```

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

Here you see how a box with a 4 pixel #C4D246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4D246; -webkit-box-shadow:4px 4px  
4px 4px #C4D246; box-shadow:4px 4px 4px  
4px #C4D246 }
```

Background

The CSS property to change the background color of an element to Hex C4D246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4D246 }
```

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

```
.background{ background-color:#C4D246 }
```

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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