

# Converting Colors

Hex(C2B867)

Have a look what the booklet for  
Hex(C2B867) contains.

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# **Color**

**Hex(C2B867)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2B867
RGB	194, 184, 103
RGB Percent	76%, 72%, 40%
CMY	0.2392, 0.2784, 0.5961
CMYK	0.00, 0.05, 0.47, 0.24
HSL	53°, 43%, 58%
HSV	53°, 47%, 76%
XYZ	41.8368, 46.7296, 19.6466
YIQ	177.7560, 31.9610, -23.0710

# Conversions

## Conversions Part 2

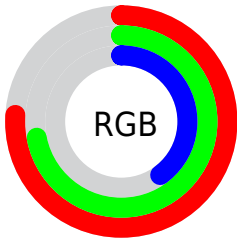
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 194, 103
Decimal	12761191
CIELab	74.02, -7.66, 42.18
CIELCh	74, 42.874, 100.289
Yxy	46.7296, 0.3866, 0.4318
Android (android.graphics.Color)	4290951271 (0xFFC2B867)
YUV	177.7560, -36.8547, 14.2460
Hunter-Lab	68.3590, -10.3835, 30.8112

# Details

The Hex color **C2B867** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6771C2**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FCF09C**, and **8A8335** is the 20% darker color. If you saturate the color by 10%, you get **C2B654**, and if you desaturate by 10%, it is **C2BA7A**.

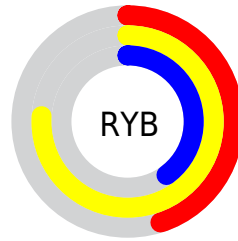
# Distribution



Red (76%)

Green (72%)

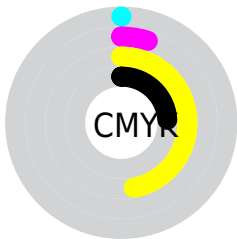
Blue (40%)



Red (45%)

Yellow (76%)

Blue (40%)

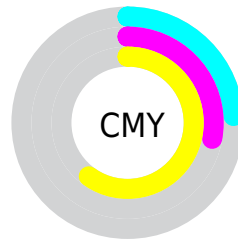


Cyan (0%)

Magenta (5%)

Yellow (47%)

Black (24%)



Cyan (24%)

Magenta (28%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2B867 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 C2B867 by changing the saturation by 10% instead.



 C2B867

 C2B867

FFFFFF

 A69D4E

 FCF09C

 8A8335

 FFFFB7

 706A1C

 FFFFD3

 565200

 FFFFF0

 3D3B00

 242600

 031200

 000000

 C2B867

 C2B867

 C2B654

 C2BA7A

 C2B440

 C2BC8E

 C2B22D

 C2BEA1

 C2AF19

 C2C1B5

 C2AD06

 C2C3C8

 C2AD00

 C2C5DB

 C2C7EF

 C2C9FF

 C2CBFF

# Harmonies

## Analogous

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



E5AB6C



C2B867



97C278

# Triad

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



C2B867



00C8E8



F29AD1

# Complementary

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



C2B867



6771C2

# 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.



CCA7F2



C2B867



44C1FF

# Square

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



C2B867



15CBC3



92B5FF



FF97AA

# Rectangle

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



C2B867



76C78E



92B5FF



E89EDE



# Sweetspot

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



C2B867



FCF9D9



C26772



807D6A



000000



808080



# Same Dimension

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



C2B867



FCED6F



9FC267



616057



A18F00



211E00



# Inverse Universe

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



6771C2



6F7FFC



8A67C2



575861



0012A1

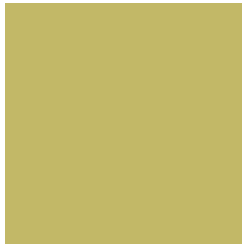


000421



# Previews

## White Background



This preview shows how the Hex color C2B867 looks on a white background.

## Color Contrast Check

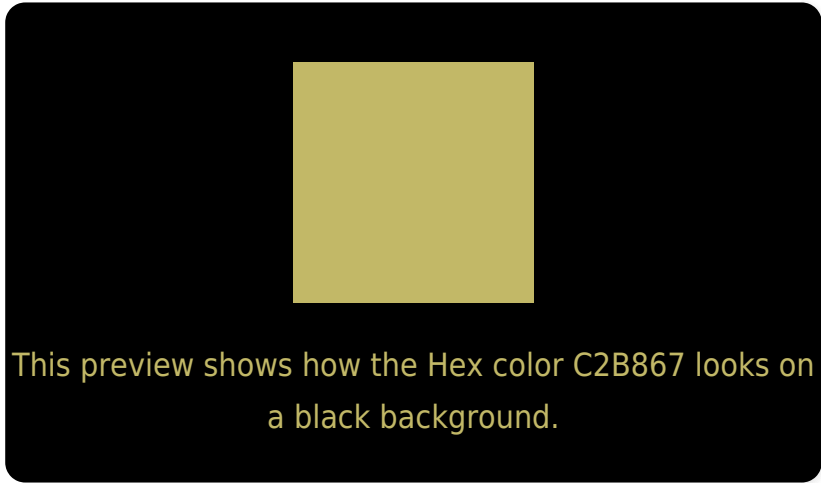
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

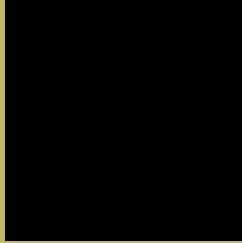
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C2B867 Background



This preview shows how black text looks on a background with the Hex color C2B867.



This preview shows how white text looks on a background with the Hex color C2B867.

# 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**  
C2B867

**Protanopia**  
C8B666

**Deuteranopia**  
DDAE69



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2B867 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 #C2B867 looks like.

```
.text, #text, p{  
    color:#C2B867  
}
```

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 #C2B867 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2B867  
}
```

## Border

The CSS property to change the border of an element to Hex C2B867 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  
#C2B867 }
```

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

```
.border{ border-color:#C2B867 }
```

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

Here you see how a box with a 4 pixel #C2B867 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2B867; -webkit-box-shadow:4px 4px  
4px 4px #C2B867; box-shadow:4px 4px 4px  
4px #C2B867 }
```

# Background

The CSS property to change the background color of an element to Hex C2B867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2B867 }
```

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

```
.background{ background-color:#C2B867 }
```

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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