

Converting Colors

Hex(C2B84B)

Have a look what the booklet for
Hex(C2B84B) contains.

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Color

Hex(C2B84B)

Conversions

Conversions Part 1

Format	Color
Hex	C2B84B
RGB	194, 184, 75
RGB Percent	76%, 72%, 29%
CMY	0.2392, 0.2784, 0.7059
CMYK	0.00, 0.05, 0.61, 0.24
HSL	55°, 49%, 53%
HSV	55°, 61%, 76%
XYZ	40.6586, 46.2583, 13.4424
YIQ	174.5640, 40.9490, -31.7790

Conversions

Conversions Part 2

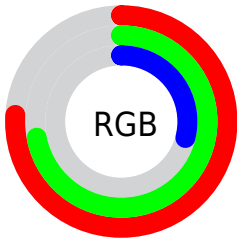
Format	Color
RYB	86, 194, 75
Decimal	12761163
CIELab	73.71, -9.95, 55.09
CIELCh	74, 55.982, 100.242
Yxy	46.2583, 0.4051, 0.4609
Android (android.graphics.Color)	4290951243 (0xFFC2B84B)
YUV	174.5640, -49.0851, 17.0454
Hunter-Lab	68.0135, -12.3158, 35.8911

Details

The Hex color **C2B84B** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **4B55C2**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FD080**, and **898311** is the 20% darker color. If you saturate the color by 10%, you get **C2B638**, and if you desaturate by 10%, it is **C2BA5E**.

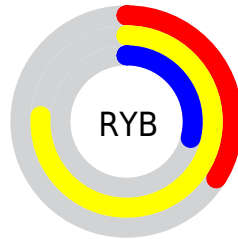
Distribution



Red (76%)

Green (72%)

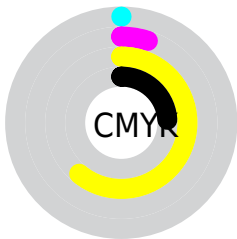
Blue (29%)



Red (34%)

Yellow (76%)

Blue (29%)

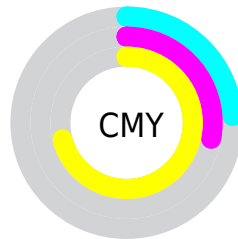


Cyan (0%)

Magenta (5%)

Yellow (61%)

Black (24%)



Cyan (24%)

Magenta (28%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2B84B 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 C2B84B by changing the saturation by 10% instead.

 C2B84B

 C2B84B

FFFFFF

 A59D30

 FDF080

 898311

 FFFF9B

 6E6A00

 FFFFFB7

 545200

 FFFFFD3

 393B00

 FFFFFFF0

 202600

 001300

 000000

 C2B84B

 C2B84B

 C2B638

 C2BA5E

 C2B524

 C2BB72

 C2B311

 C2BD85

 C2B200

 C2BF99

 C2C0AC

 C2C2BF

 C2C3D3

 C2C5E6

 C2C7FA

Harmonies

Analogous

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



EFA653



C2B84B



8AC563

Triad

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



C2B84B



00CDF6



FF8ED9

Complementary

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



C2B84B



4B55C2

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.



D0A1FF



C2B84B



00C4FF

Square

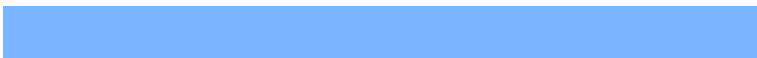
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C2B84B



00CFC6



7CB5FF



FF89A5

Rectangle

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



C2B84B



5ACB80



7CB5FF



F594E9

Sweetspot

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



C2B84B



FCF9CF



C24B57



807D63



000000



808080

Same Dimension

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



C2B84B



FCED42



92C24B



616057



A19300



211E00

Inverse Universe

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



4B55C2



4251FC



7B4BC2



575861



000DA1



000321

Previews

White Background



This preview shows how the Hex color C2B84B looks on a white background.

Color Contrast Check

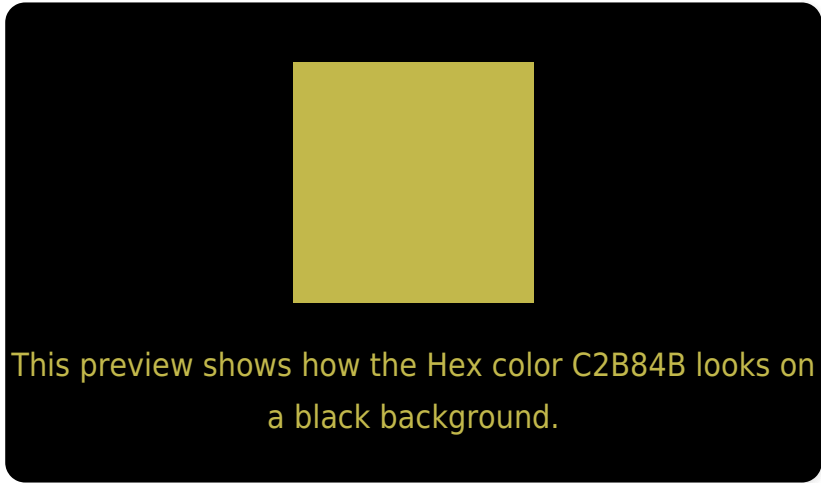
Large Text (above 18pt) WCAG AA × Fail

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 C2B84B Background



This preview shows how black text looks on a background with the Hex color C2B84B.

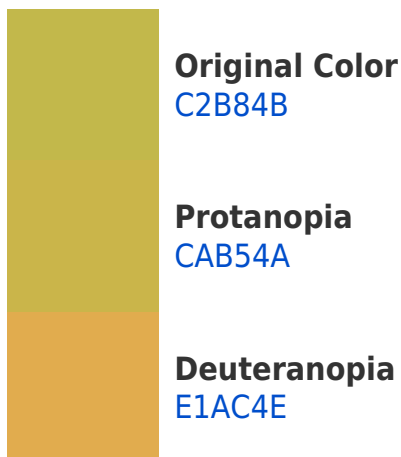


This preview shows how white text looks on a background with the Hex color C2B84B.

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
C2B84B

Protanomaly
C7B64A

Deuteranomaly
D6B04D

Tritanomaly
C8B192

Monochromacy



Original Color
C2B84B

Achromatopsia
AFAFAF

Achromatomaly
B6B28B

CSS Examples

Text

The CSS property to change the color of the text to Hex C2B84B 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 #C2B84B looks like.

```
.text, #text, p{  
    color:#C2B84B  
}
```

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 #C2B84B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2B84B
}
```

Border

The CSS property to change the border of an element to Hex C2B84B 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
#C2B84B }
```

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

```
.border{ border-color:#C2B84B }
```

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

Here you see how a box with a 4 pixel #C2B84B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2B84B; -webkit-box-shadow:4px 4px  
4px 4px #C2B84B; box-shadow:4px 4px 4px  
4px #C2B84B }
```

Background

The CSS property to change the background color of an element to Hex C2B84B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2B84B }
```

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

```
.background{ background-color:#C2B84B }
```

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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