

# Converting Colors

Hex(C2AB4D)

Have a look what the booklet for  
Hex(C2AB4D) contains.

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# **Color**

**Hex(C2AB4D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2AB4D
RGB	194, 171, 77
RGB Percent	76%, 67%, 30%
CMY	0.2392, 0.3294, 0.6980
CMYK	0.00, 0.12, 0.60, 0.24
HSL	48°, 49%, 53%
HSV	48°, 60%, 76%
XYZ	38.1506, 41.1310, 12.9495
YIQ	167.1610, 43.8820, -24.3580

# Conversions

## Conversions Part 2

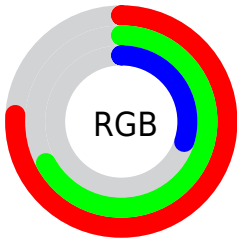
Format	Color
<a href="#">RYB</a>	<a href="#">106, 194, 77</a>
Decimal	<a href="#">12757837</a>
CIELab	<a href="#">70.27, -3.01, 50.38</a>
CIElCh	<a href="#">70, 50.473, 93.424</a>
Yxy	<a href="#">41.1310, 0.4136, 0.4460</a>
Android (android.graphics.Color)	<a href="#">4290947917 (0xFFC2AB4D)</a>
YUV	<a href="#">167.1610, -44.4494, 23.5378</a>
Hunter-Lab	<a href="#">64.1334, -6.0505, 32.9219</a>

# Details

The Hex color **C2AB4D** is a dark color, and the websafe version is hex **999933**. The color can be described as middle muted orange. A complement of this color would be **4D64C2**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FDE281**, and **897718** is the 20% darker color. If you saturate the color by 10%, you get **C2A73A**, and if you desaturate by 10%, it is **C2AF60**.

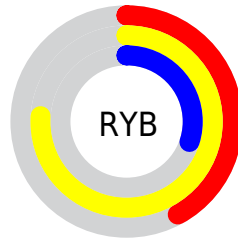
# Distribution



Red (76%)

Green (67%)

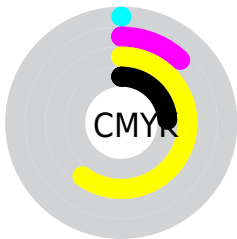
Blue (30%)



Red (42%)

Yellow (76%)

Blue (30%)

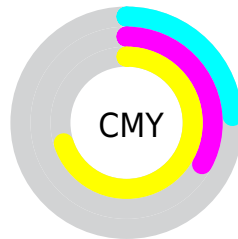


Cyan (0%)

Magenta (12%)

Yellow (60%)

Black (24%)



Cyan (24%)

Magenta (33%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2AB4D 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 C2AB4D by changing the saturation by 10% instead.





C2AB4D



C2AB4D

FFFFFF



A59133



FDE281



897718



FFFF9C



6E5F00



FFFFB8



544700



FFFFD4



3A3100



FFFFF1



211C00



000200



000000



C2AB4D



C2AB4D

 C2A73A

 C2AF60

 C2A326

 C2B374

 C2A013

 C2B687

 C29C00

 C2BA9B

 C2BEAE

 C2C2C1

 C2C6D5

 C2CAE8

 C2CDFC

# Harmonies

## Analogous

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



E89B5A



C2AB4D



92B85C

# Triad

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



C2AB4D



00C2DD



E98DD6

# Complementary

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



C2AB4D



4D64C2

# 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.



B69EF9



C2AB4D



00BBFD

# Square

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



C2AB4D



00C3B0



65AFFF



FF85A8

# Rectangle

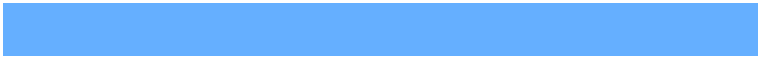
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C2AB4D



6CBE73



65AFFF



DB92E3

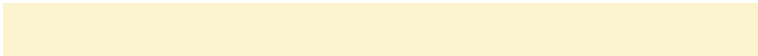


# Sweetspot

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



C2AB4D



FCF4CF



C24D64



807A63



000000



808080



# Same Dimension

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



C2AB4D



FCD947



9FC24D



615F57



A18100



211B00



# Inverse Universe

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



4D64C2



476AFC



704DC2



575961



0020A1



000721



# Previews

## White Background



This preview shows how the Hex color C2AB4D looks on a white background.

## Color Contrast Check

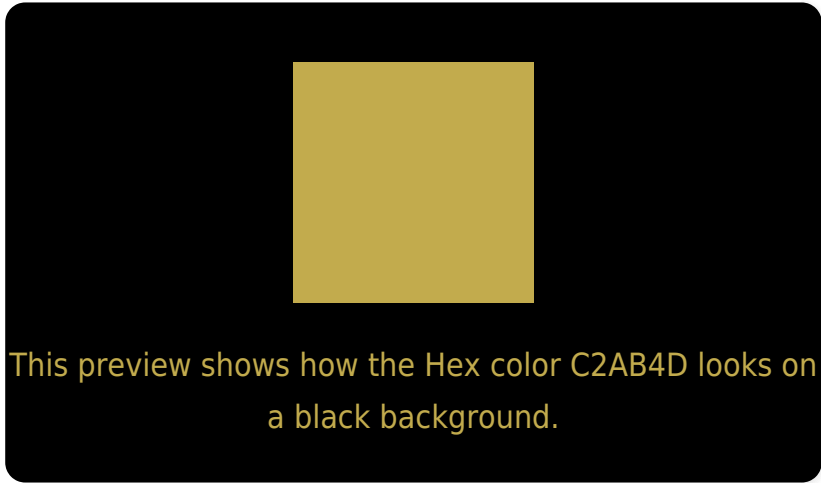
Large Text (above 18pt) WCAG AA × Fail

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 C2AB4D Background



This preview shows how black text looks on a background with the Hex color C2AB4D.



This preview shows how white text looks on a background with the Hex color C2AB4D.

# 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



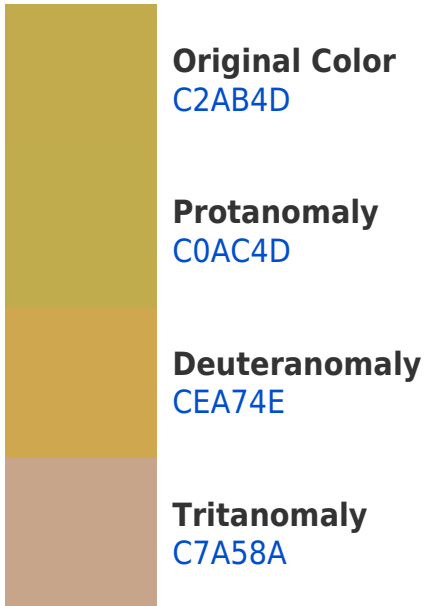
**Original Color**  
C2AB4D

**Protanopia**  
BFAC4D

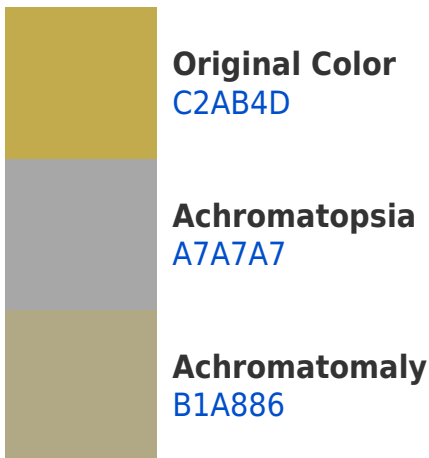
**Deuteranopia**  
D5A44F



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2AB4D 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 #C2AB4D looks like.

```
.text, #text, p{  
    color:#C2AB4D  
}
```

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 #C2AB4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2AB4D
}
```

## Border

The CSS property to change the border of an element to Hex C2AB4D 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
#C2AB4D }
```

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

```
.border{ border-color:#C2AB4D }
```

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

Here you see how a box with a 4 pixel #C2AB4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2AB4D; -webkit-box-shadow:4px 4px  
4px 4px #C2AB4D; box-shadow:4px 4px 4px  
4px #C2AB4D }
```

# Background

The CSS property to change the background color of an element to Hex C2AB4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2AB4D }
```

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

```
.background{ background-color:#C2AB4D }
```

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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