

Converting Colors

Hex(C2AB65)

Have a look what the booklet for
Hex(C2AB65) contains.

Hex(C2AB65)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C2AB65)

Conversions

Conversions Part 1

Format	Color
Hex	C2AB65
RGB	194, 171, 101
RGB Percent	76%, 67%, 40%
CMY	0.2392, 0.3294, 0.6039
CMYK	0.00, 0.12, 0.48, 0.24
HSL	45°, 43%, 58%
HSV	45°, 48%, 76%
XYZ	39.1600, 41.5347, 18.2650
YIQ	169.8970, 36.1780, -16.8940

Conversions

Conversions Part 2

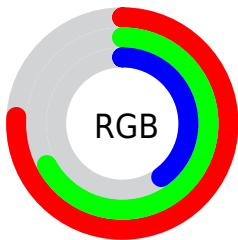
Format	Color
RYB	132, 194, 101
Decimal	12757861
CIELab	70.55, -1.00, 38.92
CIELCh	71, 38.933, 91.476
Yxy	41.5347, 0.3957, 0.4197
Android (android.graphics.Color)	4290947941 (0xFFC2AB65)
YUV	169.8970, -33.9662, 21.1383
Hunter-Lab	64.4475, -4.3216, 28.3099

Details

The Hex color **C2AB65** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **657CC2**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FCE299**, and **8A7734** is the 20% darker color. If you saturate the color by 10%, you get **C2A652**, and if you desaturate by 10%, it is **C2B078**.

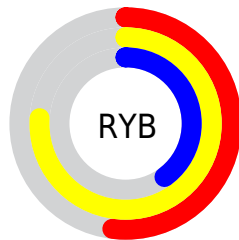
Distribution



Red (76%)

Green (67%)

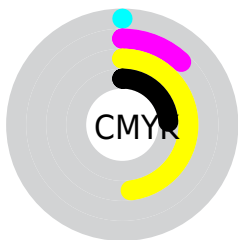
Blue (40%)



Red (52%)

Yellow (76%)

Blue (40%)

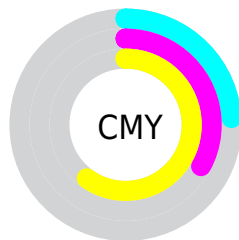


Cyan (0%)

Magenta (12%)

Yellow (48%)

Black (24%)



Cyan (24%)

Magenta (33%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2AB65 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 C2AB65 by changing the saturation by 10% instead.

 C2AB65

 C2AB65

FFFFFF

 A6914C

 FCE299

 8A7734

 FFFFFB4

 705E1C

 FFFFFD0


 554701

 FFFFFED

 3D3100

 241C00

 000300

 000000

 C2AB65

 C2AB65

 C2A652

 C2B078

 C2A13E

 C2B58C

 C29D2B

 C2B99F

 C29817

 C2BEB3

 C29304

 C2C3C6

 C29200

 C2C8D9

 C2CDED

 C2D1FF

 C2D6FF

Harmonies

Analogous

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



DF9F6F



C2AB65



9DB56F

Triad

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



C2AB65



00BED0



DB97CF

Complementary

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



C2AB65



657CC2

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.



B3A3E9



C2AB65



38B9EA

Square

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



C2AB65



40BFAD



7BAFF3



EF91AC

Rectangle

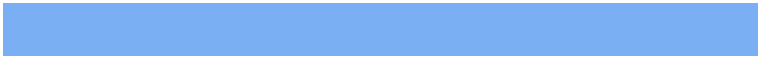
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C2AB65



81BA7F



7BAFF3



CF9AD9

Sweetspot

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



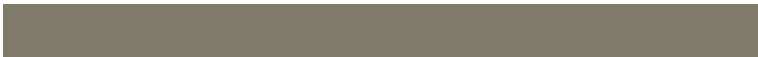
C2AB65



FCF4D9



C2657C



807A6A



000000



808080

Same Dimension

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



C2AB65



FCD86A



ABC265



615F57



A17900



211900

Inverse Universe

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



657CC2



6A8EFC



7C65C2



575A61



0028A1



000821

Previews

White Background



This preview shows how the Hex color C2AB65 looks on a white background.

Color Contrast Check

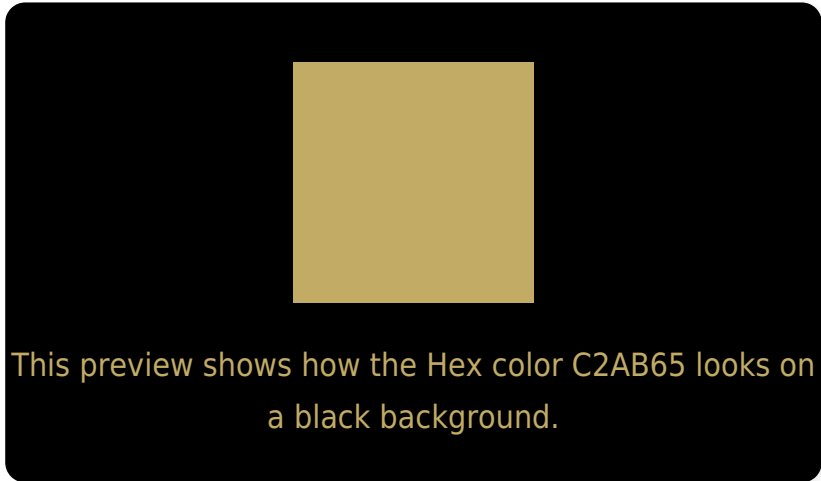
Large Text (above 18pt) WCAG AA × Fail

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 C2AB65 Background



This preview shows how black text looks on a background with the Hex color C2AB65.

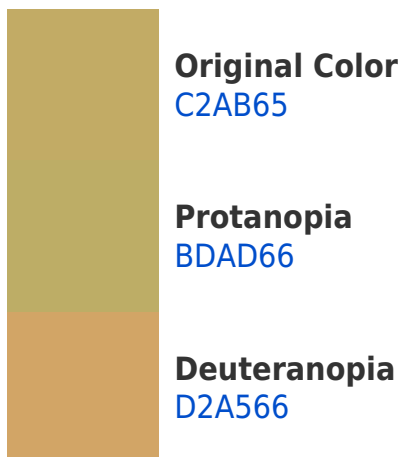


This preview shows how white text looks on a background with the Hex color C2AB65.

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](#).

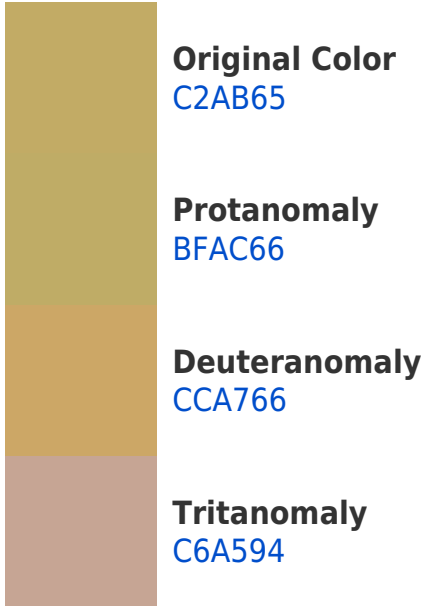
Dichromacy



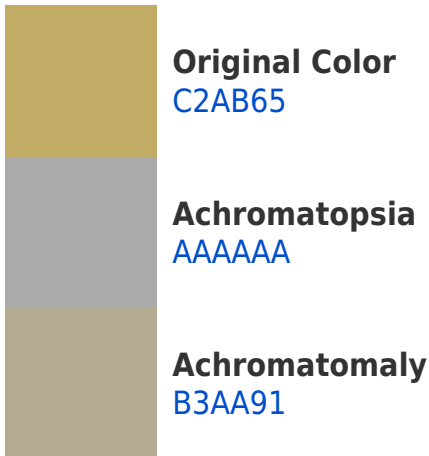


Tritanopia
C9A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2AB65 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 #C2AB65 looks like.

```
.text, #text, p{  
    color:#C2AB65  
}
```

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 #C2AB65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2AB65
}
```

Border

The CSS property to change the border of an element to Hex C2AB65 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
#C2AB65 }
```

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

```
.border{ border-color:#C2AB65 }
```

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

Here you see how a box with a 4 pixel #C2AB65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2AB65; -webkit-box-shadow:4px 4px  
4px 4px #C2AB65; box-shadow:4px 4px 4px  
4px #C2AB65 }
```

Background

The CSS property to change the background color of an element to Hex C2AB65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2AB65 }
```

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

```
.background{ background-color:#C2AB65 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor