

# Converting Colors

Hex(C2AE61)

Have a look what the booklet for  
Hex(C2AE61) contains.

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# **Color**

**Hex(C2AE61)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2AE61
RGB	194, 174, 97
RGB Percent	76%, 68%, 38%
CMY	0.2392, 0.3176, 0.6196
CMYK	0.00, 0.10, 0.50, 0.24
HSL	48°, 44%, 57%
HSV	48°, 50%, 76%
XYZ	39.5419, 42.6045, 17.4487
YIQ	171.2020, 36.6370, -19.7070

# Conversions

## Conversions Part 2

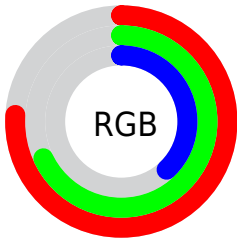
Format	Color
<a href="#">RYB</a>	<a href="#">122, 194, 97</a>
Decimal	<a href="#">12758625</a>
CIELab	<a href="#">71.29, -2.97, 41.86</a>
CIELCh	<a href="#">71, 41.964, 94.063</a>
Yxy	<a href="#">42.6045, 0.3970, 0.4278</a>
Android (android.graphics.Color)	<a href="#">4290948705 (0xFFC2AE61)</a>
YUV	<a href="#">171.2020, -36.5816, 19.9938</a>
Hunter-Lab	<a href="#">65.2721, -6.0909, 29.8410</a>

# Details

The Hex color **C2AE61** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6175C2**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FCE595**, and **8A7A2F** is the 20% darker color. If you saturate the color by 10%, you get **C2AA4E**, and if you desaturate by 10%, it is **C2B274**.

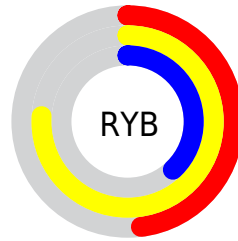
# Distribution



Red (76%)

Green (68%)

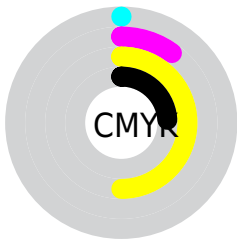
Blue (38%)



Red (48%)

Yellow (76%)

Blue (38%)

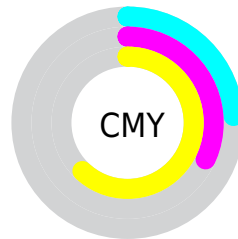


Cyan (0%)

Magenta (10%)

Yellow (50%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2AE61 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 C2AE61 by changing the saturation by 10% instead.



 C2AE61

 C2AE61

FFFFFF

 A69348

 FCE595

 8A7A2F

 FFFFB0

 6F6116

 FFFFCC

 554A00

 FFFFFE9

 3C3300

 231E00

 000700

 000000

 C2AE61

 C2AE61

 C2AA4E

 C2B274

 C2A63A

 C2B688

 C2A227

 C2BA9B

 C29E13

 C2BEAF

 C29A00

 C2C2C2

 C2C6D5

 C2CAE9

 C2CEFC

 C2D2FF

# Harmonies

## Analogous

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



E2A16A



C2AE61



9AB96E

# Triad

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



C2AE61



00C1D8



E396D1

# Complementary

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



C2AE61



6175C2

# 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.



B9A3EE



C2AE61



29BBF2

# Square

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



C2AE61



28C3B3



7DB1FA



F790AB

# Rectangle

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



C2AE61



7BBE80



7DB1FA



D79ADC

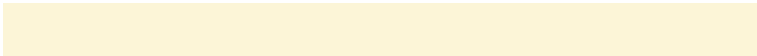


# Sweetspot

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



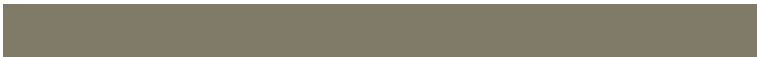
C2AE61



FCF5D7



C26176



807B69



000000



808080



# Same Dimension

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



C2AE61



FCDD65



A7C261



615F57



A18000



211A00



# Inverse Universe

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



6175C2



6584FC



7C61C2



575961



0021A1



000721



# Previews

## White Background



This preview shows how the Hex color C2AE61 looks on a white background.

## Color Contrast Check

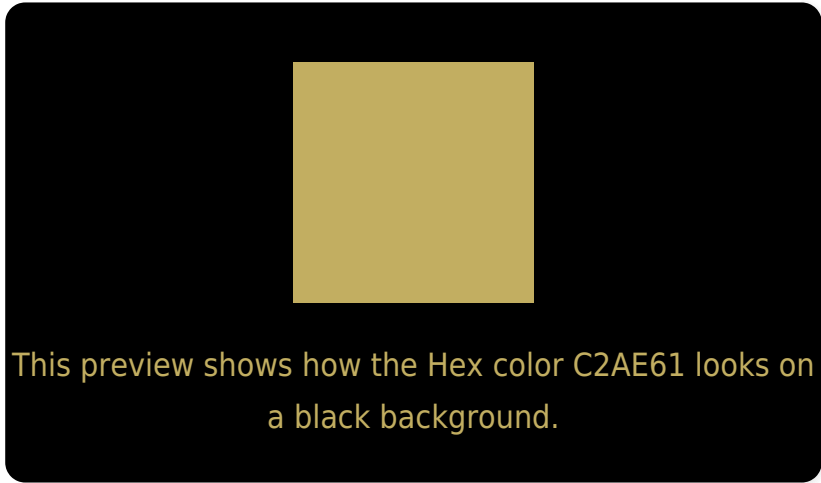
Large Text (above 18pt) WCAG AA × Fail

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 C2AE61 Background



This preview shows how black text looks on a background with the Hex color C2AE61.



This preview shows how white text looks on a background with the Hex color C2AE61.

# 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



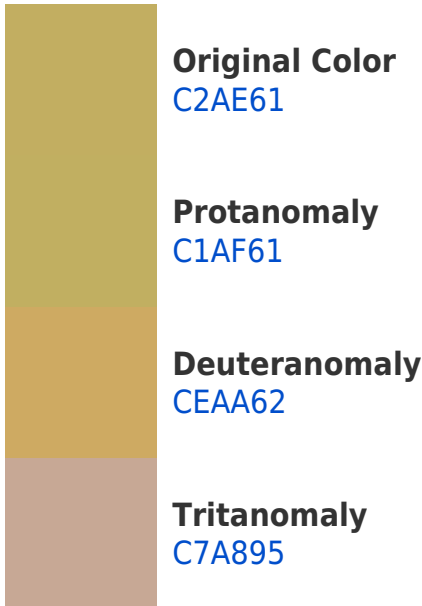
**Original Color**  
C2AE61

**Protanopia**  
C0AF61

**Deuteranopia**  
D5A763



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2AE61 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 #C2AE61 looks like.

```
.text, #text, p{  
    color:#C2AE61  
}
```

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 #C2AE61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2AE61
}
```

## Border

The CSS property to change the border of an element to Hex C2AE61 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
#C2AE61 }
```

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

```
.border{ border-color:#C2AE61 }
```

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

Here you see how a box with a 4 pixel #C2AE61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2AE61; -webkit-box-shadow:4px 4px  
4px 4px #C2AE61; box-shadow:4px 4px 4px  
4px #C2AE61 }
```

# Background

The CSS property to change the background color of an element to Hex C2AE61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2AE61 }
```

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

```
.background{ background-color:#C2AE61 }
```

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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