

# Converting Colors

Hex(C2AE71)

Have a look what the booklet for  
Hex(C2AE71) contains.

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# **Color**

**Hex(C2AE71)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2AE71
RGB	194, 174, 113
RGB Percent	76%, 68%, 44%
CMY	0.2392, 0.3176, 0.5569
CMYK	0.00, 0.10, 0.42, 0.24
HSL	45°, 40%, 60%
HSV	45°, 42%, 76%
XYZ	40.3648, 42.9337, 21.7824
YIQ	173.0260, 31.5010, -14.7310

# Conversions

## Conversions Part 2

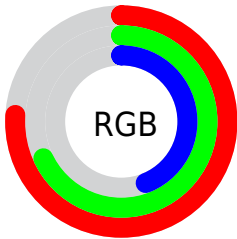
Format	Color
<a href="#">RYB</a>	<a href="#">140, 194, 113</a>
Decimal	<a href="#">12758641</a>
<a href="#">CIELab</a>	<a href="#">71.51, -1.37, 33.91</a>
<a href="#">CIElCh</a>	<a href="#">72, 33.936, 92.310</a>
<a href="#">Yxy</a>	<a href="#">42.9337, 0.3841, 0.4086</a>
Android (android.graphics.Color)	<a href="#">4290948721</a> ( <a href="#">0xFFC2AE71</a> )
<a href="#">YUV</a>	<a href="#">173.0260, -29.5928, 18.3942</a>
<a href="#">Hunter-Lab</a>	<a href="#">65.5238, -4.7048, 26.1566</a>

# Details

The Hex color **C2AE71** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7185C2**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FCE5A6**, and **8B7A40** is the 20% darker color. If you saturate the color by 10%, you get **C2A95E**, and if you desaturate by 10%, it is **C2B384**.

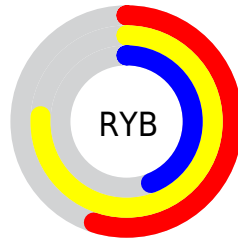
# Distribution



Red (76%)

Green (68%)

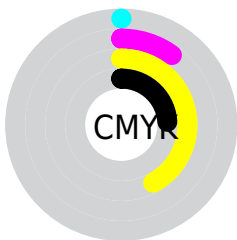
Blue (44%)



Red (55%)

Yellow (76%)

Blue (44%)

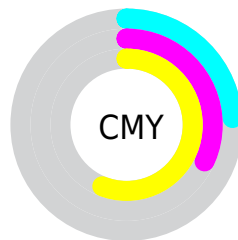


Cyan (0%)

Magenta (10%)

Yellow (42%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2AE71 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 C2AE71 by changing the saturation by 10% instead.



 C2AE71

 C2AE71

FFFFFF

 A69358

 FCE5A6

 8B7A40

 FFFFC1

 706128

 FFFFDD

 574911

 FFFFFFFA

 3E3300

 261E00

 050600

 000000

 C2AE71

 C2AE71

 C2A95E

 C2B384

 C2A44A

 C2B898

 C2A037

 C2BCAB

 C29B23

 C2C1BF

 C29610

 C2C6D2

 C29200

 C2CBE5

 C2D0F9

 C2D4FF

 C2D9FF

# Harmonies

## Analogous

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



DCA379



C2AE71



A1B77A

# Triad

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



C2AE71



43BFCF



D89CCC

# Complementary

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



C2AE71



7185C2

# 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.



B6A6E3



C2AE71



5ABAE5

# Square

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



C2AE71



58C0B1



89B1ED



EA98AE

# Rectangle

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



C2AE71



89BC88



89B1ED



CF9FD5

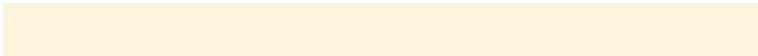


# Sweetspot

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



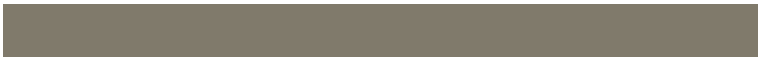
C2AE71



FCF4DC



C27185



807A6B



000000



808080



# Same Dimension

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



C2AE71



FCDD7E



AEC271



615F57



A17900



211900



# Inverse Universe

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



7185C2



7E9DFC



8571C2



575A61



0028A1



000821



# Previews

## White Background



This preview shows how the Hex color C2AE71 looks on a white background.

## Color Contrast Check

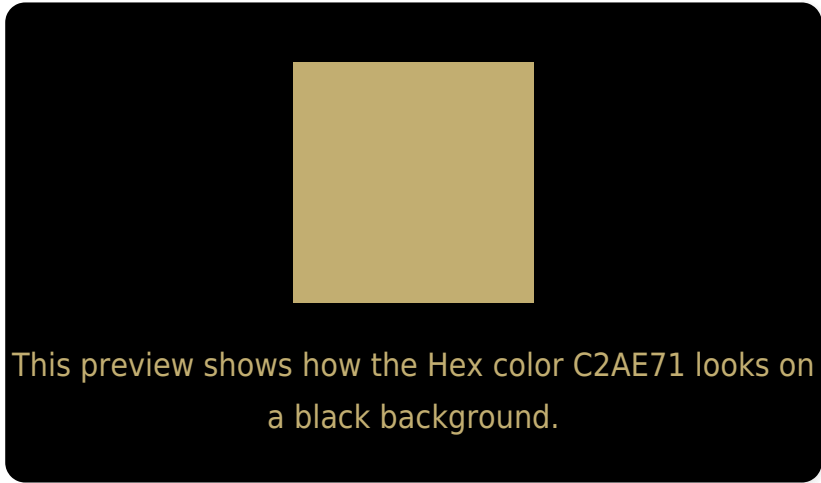
Large Text (above 18pt) WCAG AA × Fail

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

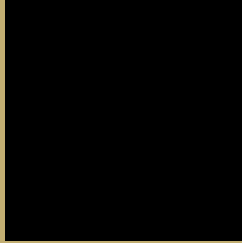
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C2AE71 Background



This preview shows how black text looks on a background with the Hex color C2AE71.



This preview shows how white text looks on a background with the Hex color C2AE71.

# 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**  
C2AE71

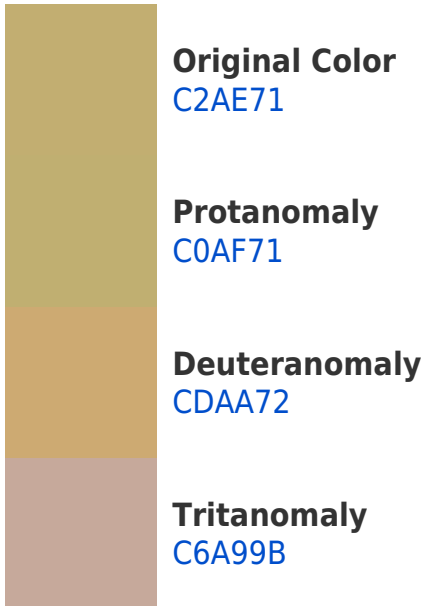
**Protanopia**  
BFAF71

**Deuteranopia**  
D3A872

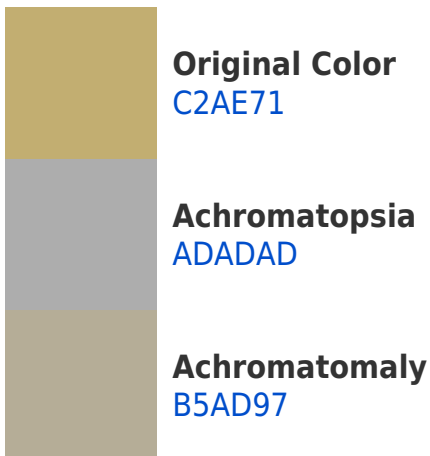


**Tritanopia**  
C9A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2AE71 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 #C2AE71 looks like.

```
.text, #text, p{  
    color:#C2AE71  
}
```

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 #C2AE71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2AE71
}
```

## Border

The CSS property to change the border of an element to Hex C2AE71 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
#C2AE71 }
```

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

```
.border{ border-color:#C2AE71 }
```

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

Here you see how a box with a 4 pixel #C2AE71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2AE71; -webkit-box-shadow:4px 4px  
4px 4px #C2AE71; box-shadow:4px 4px 4px  
4px #C2AE71 }
```

# Background

The CSS property to change the background color of an element to Hex C2AE71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2AE71 }
```

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

```
.background{ background-color:#C2AE71 }
```

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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