

Converting Colors

Hex(C1AE74)

Have a look what the booklet for
Hex(C1AE74) contains.

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Color

Hex(C1AE74)

Conversions

Conversions Part 1

Format	Color
Hex	C1AE74
RGB	193, 174, 116
RGB Percent	76%, 68%, 45%
CMY	0.2431, 0.3176, 0.5451
CMYK	0.00, 0.10, 0.40, 0.24
HSL	45°, 38%, 61%
HSV	45°, 40%, 76%
XYZ	40.2808, 42.8705, 22.6748
YIQ	173.0690, 29.9420, -14.0100

Conversions

Conversions Part 2

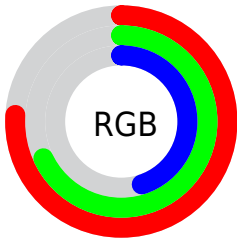
Format	Color
RYB	141, 193, 116
Decimal	12693108
CIELab	71.47, -1.44, 32.26
CIELCh	71, 32.290, 92.563
Yxy	42.8705, 0.3806, 0.4051
Android (android.graphics.Color)	4290883188 (0xFFC1AE74)
YUV	173.0690, -28.1350, 17.4795
Hunter-Lab	65.4756, -4.7686, 25.3002

Details

The Hex color **C1AE74** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7487C1**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FBE5A9**, and **8A7A43** is the 20% darker color. If you saturate the color by 10%, you get **C1A961**, and if you desaturate by 10%, it is **C1B387**.

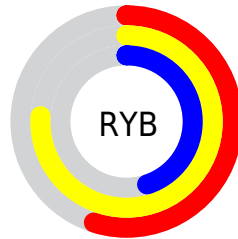
Distribution



Red (76%)

Green (68%)

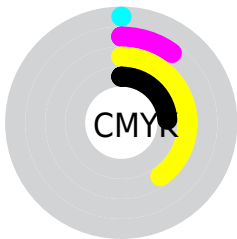
Blue (45%)



Red (55%)

Yellow (76%)

Blue (45%)

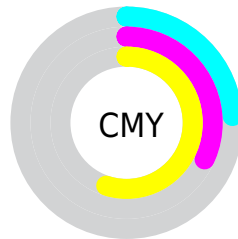


Cyan (0%)

Magenta (10%)

Yellow (40%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1AE74 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 C1AE74 by changing the saturation by 10% instead.



C1AE74



C1AE74

FFFFFF



A5935B



FBE5A9



8A7A43



FFFFC4



70612B



FFFFE0



564914

FFFFFFD



3E3300



261E00



040600



000000



C1AE74



C1AE74

 C1A961

 C1B387

 C1A44D

 C1B89B

 C1A03A

 C1BCAE

 C19B27

 C1C1C1

 C19614

 C1C6D4

 C19100

 C1CBE8

 C1CFFB

 C1D4FF

 C1D9FF

Harmonies

Analogous

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



DAA47C



C1AE74



A2B77D

Triad

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



C1AE74



4CBECE



D79DCB

Complementary

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



C1AE74



7487C1

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.



B6A7E1



C1AE74



61B9E2

Square

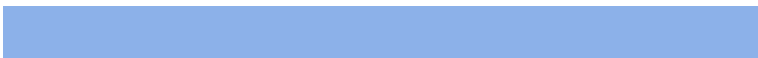
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C1AE74



5EBFB1



8CB1E9



E899AE

Rectangle

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



C1AE74



8BBB8A



8CB1E9



CDA0D3

Sweetspot

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



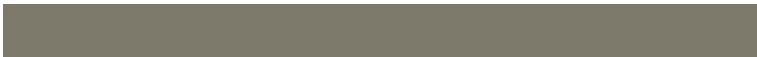
C1AE74



FAF3DC



C17487



7D796B



FCFCFC



7D7D7D

Same Dimension

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



C1AE74



FADC82



AEC174



615F57



A17900



211900

Inverse Universe

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



7487C1



82A0FA



8774C1



575A61



0028A1



000821

Previews

White Background



This preview shows how the Hex color C1AE74 looks on a white background.

Color Contrast Check

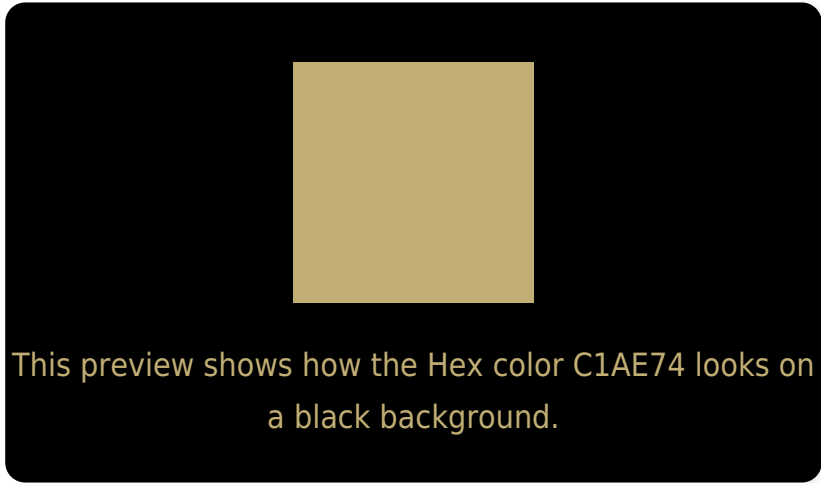
Large Text (above 18pt) WCAG AA × Fail

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

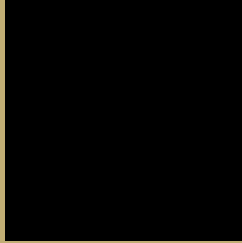
Any Text WCAG AA ✓ Pass

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 C1AE74 Background



This preview shows how black text looks on a background with the Hex color C1AE74.



This preview shows how white text looks on a background with the Hex color C1AE74.

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
C1AE74

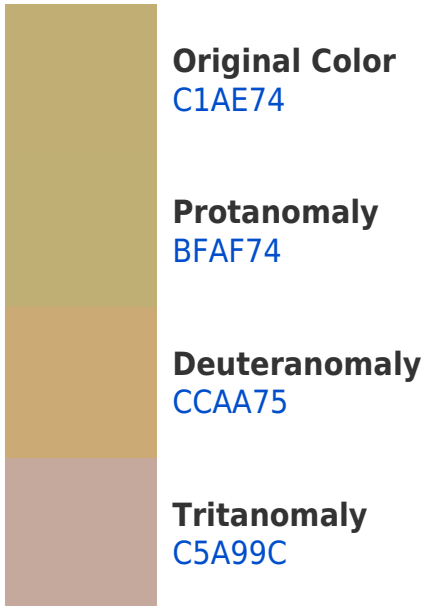
Protanopia
BEAF74

Deuteranopia
D2A775

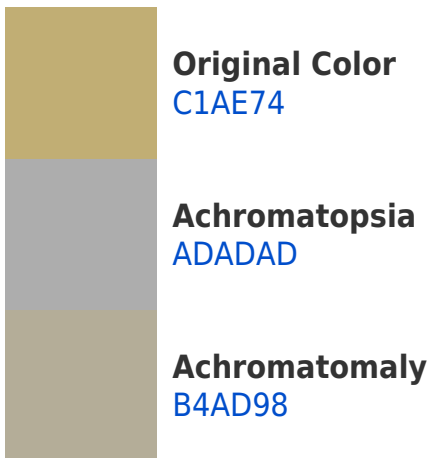


Tritanopia
C8A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1AE74 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 #C1AE74 looks like.

```
.text, #text, p{  
    color:#C1AE74  
}
```

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 #C1AE74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1AE74
}
```

Border

The CSS property to change the border of an element to Hex C1AE74 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
#C1AE74 }
```

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

```
.border{ border-color:#C1AE74 }
```

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

Here you see how a box with a 4 pixel #C1AE74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1AE74; -webkit-box-shadow:4px 4px  
4px 4px #C1AE74; box-shadow:4px 4px 4px  
4px #C1AE74 }
```

Background

The CSS property to change the background color of an element to Hex C1AE74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1AE74 }
```

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

```
.background{ background-color:#C1AE74 }
```

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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