

Converting Colors

Hex(C1A749)

Have a look what the booklet for
Hex(C1A749) contains.

Hex(C1A749)	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(C1A749)

Conversions

Conversions Part 1

Format	Color
Hex	C1A749
RGB	193, 167, 73
RGB Percent	76%, 65%, 29%
CMY	0.2431, 0.3451, 0.7137
CMYK	0.00, 0.13, 0.62, 0.24
HSL	47°, 49%, 52%
HSV	47°, 62%, 76%
XYZ	37.0136, 39.4559, 11.9683
YIQ	164.0580, 45.6700, -23.7220

Conversions

Conversions Part 2

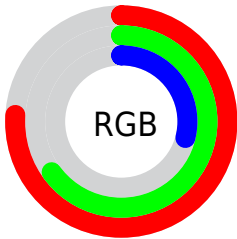
Format	Color
RYB	106, 193, 73
Decimal	12691273
CIELab	69.08, -1.60, 50.89
CIElCh	69, 50.910, 91.798
Yxy	39.4559, 0.4185, 0.4461
Android (android.graphics.Color)	4290881353 (0xFFC1A749)
YUV	164.0580, -44.8916, 25.3821
Hunter-Lab	62.8140, -4.7418, 32.6729

Details

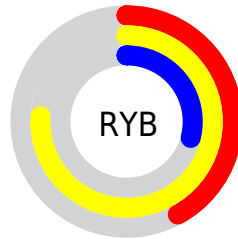
The Hex color **C1A749** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4963C1**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FCDE7D**, and **887313** is the 20% darker color. If you saturate the color by 10%, you get **C1A336**, and if you desaturate by 10%, it is **C1AB5C**.

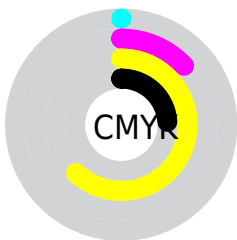
Distribution



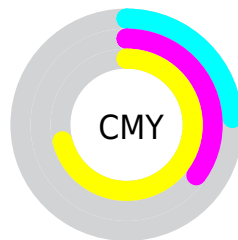
- Red (76%)
- Green (65%)
- Blue (29%)



- Red (42%)
- Yellow (76%)
- Blue (29%)



- Cyan (0%)
- Magenta (13%)
- Yellow (62%)
- Black (24%)



- Cyan (24%)
- Magenta (35%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1A749 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 C1A749 by changing the saturation by 10% instead.



C1A749



C1A749

FFFFFF



A48D2F



FCDE7D



887313



FFFA98



6D5B00



FFFFB3



534400



FFFFD0



382E00



FFF FEC



201A00



000000



C1A749



C1A749



C1A336



C1AB5C

 C19F22

 C1AF70

 C19A0F

 C1B483

 C19700

 C1B896

 C1BCAA

 C1C0BD

 C1C4D0

 C1C8E3

 C1CDF7

Harmonies

Analogous

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



E69658



C1A749



92B457

Triad

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



C1A749



00BFD8



E48AD5

Complementary

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



C1A749



4963C1

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.



AF9BF7



C1A749



00B9F9

Square

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



C1A749



00C0AA



5AADFF



FD81A8

Rectangle

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



C1A749



6CBA6D



5AADFF



D58FE2

Sweetspot

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



C1A749



FAF0CA



C14963



7D7760



FCFCFC



7D7D7D

Same Dimension

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



C1A749



FAD13E



9FC149



615F57



A17E00



211A00

Inverse Universe

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



4963C1



3E67FA



6B49C1



575961



0023A1



000721

Previews

White Background



This preview shows how the Hex color C1A749 looks on a white background.

Color Contrast Check

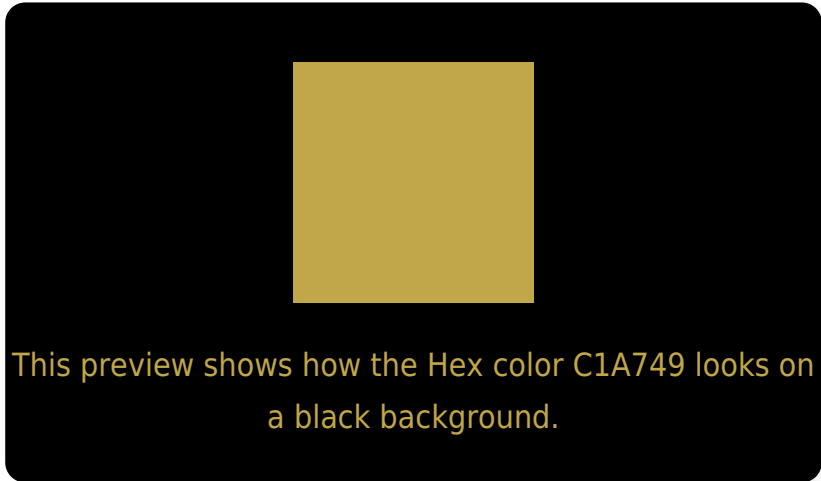
Large Text (above 18pt) WCAG AA × Fail

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 C1A749 Background



This preview shows how black text looks on a background with the Hex color C1A749.

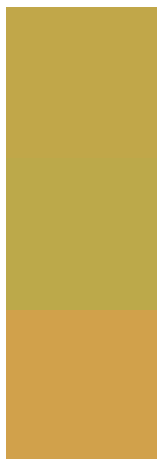


This preview shows how white text looks on a background with the Hex color C1A749.

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
C1A749

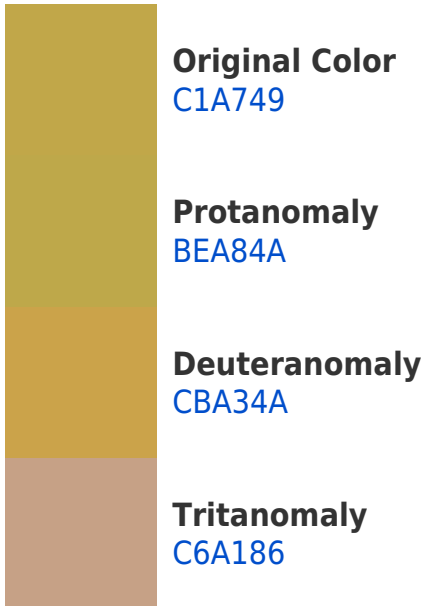
Protanopia
BCA94A

Deuteranopia
D1A14B

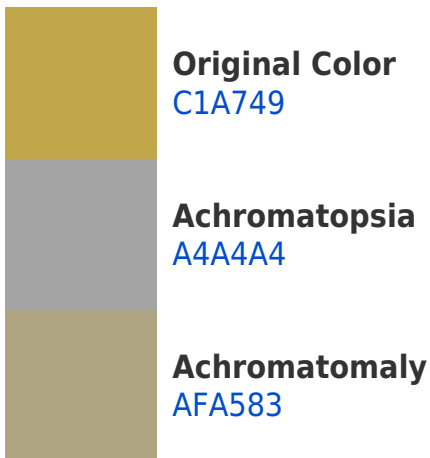


Tritanopia
C99DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1A749 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 #C1A749 looks like.

```
.text, #text, p{  
    color:#C1A749  
}
```

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 #C1A749 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1A749
}
```

Border

The CSS property to change the border of an element to Hex C1A749 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
#C1A749 }
```

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

```
.border{ border-color:#C1A749 }
```

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

Here you see how a box with a 4 pixel #C1A749 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1A749; -webkit-box-shadow:4px 4px  
4px 4px #C1A749; box-shadow:4px 4px 4px  
4px #C1A749 }
```

Background

The CSS property to change the background color of an element to Hex C1A749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1A749 }
```

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

```
.background{ background-color:#C1A749 }
```

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