

# Converting Colors

Hex(C7A154)

Have a look what the booklet for  
Hex(C7A154) contains.

<b>Hex(C7A154)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(C7A154)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7A154
RGB	199, 161, 84
RGB Percent	78%, 63%, 33%
CMY	0.2196, 0.3686, 0.6706
CMYK	0.00, 0.19, 0.58, 0.22
HSL	40°, 51%, 55%
HSV	40°, 58%, 78%
XYZ	37.8983, 38.2719, 13.7773
YIQ	163.5840, 47.3650, -15.8910

# Conversions

## Conversions Part 2

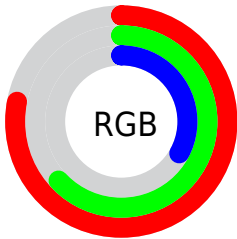
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 199, 84
Decimal	13082964
CIELab	68.22, 4.99, 44.80
CIELCh	68, 45.078, 83.640
Yxy	38.2719, 0.4213, 0.4255
Android (android.graphics.Color)	4291273044 (0xFFC7A154)
YUV	163.5840, -39.2349, 31.0598
Hunter-Lab	61.8643, 1.0871, 30.1011

# Details

The Hex color **C7A154** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **547AC7**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFD888**, and **8E6E22** is the 20% darker color. If you saturate the color by 10%, you get **C79A40**, and if you desaturate by 10%, it is **C7A868**.

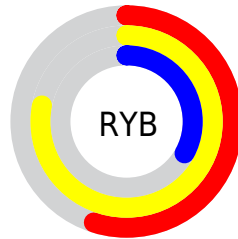
# Distribution



Red (78%)

Green (63%)

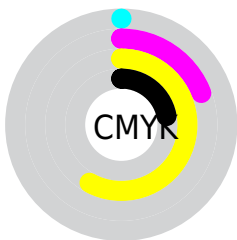
Blue (33%)



Red (55%)

Yellow (78%)

Blue (33%)

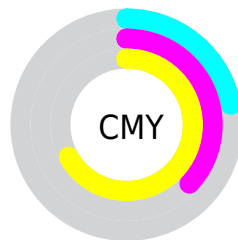


Cyan (0%)

Magenta (19%)

Yellow (58%)

Black (22%)



Cyan (22%)

Magenta (37%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7A154 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 C7A154 by changing the saturation by 10% instead.



 C7A154

 C7A154

FFFFFF

 AA873B

 FFD888

 8E6E22

 FFF4A3

 735605

 FFFFBE

 583E00

 FFFFFDA

 3E2900

 FFFFFFF7

 251500

 000000

 C7A154

 C7A154

 C79A40

 C7A868

 C7942C

 C7AE7C

 C78D18

 C7B590

 C78704

 C7BBA4

 C78500

 C7C2B8

 C7C8CB

 C7CFDF

 C7D6F3

 C7DCFF

# Harmonies

## Analogous

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



E59266



C7A154



9FAE59

# Triad

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



C7A154



00BBC6



D190D7

# Complementary

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



C7A154



547AC7

# 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.



9D9FF1



C7A154



00B7E7

# Square

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



C7A154



25BB9C



4EADF7



EE86B1

# Rectangle

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



C7A154



80B46A



4EADF7



C295E2

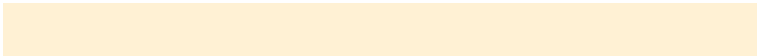


# Sweetspot

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



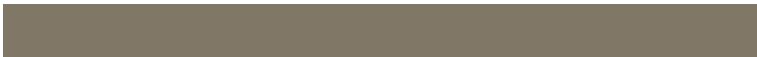
C7A154



FFF1D4



C7547A



807766



000000



808080



# Same Dimension

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



C7A154



FFC54F



B4C754



63605A



A36D00



241800



# Inverse Universe

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



547AC7



4F89FF



6754C7



5A5D63



0036A3



000C24



# Previews

## White Background



This preview shows how the Hex color C7A154 looks on a white background.

## Color Contrast Check

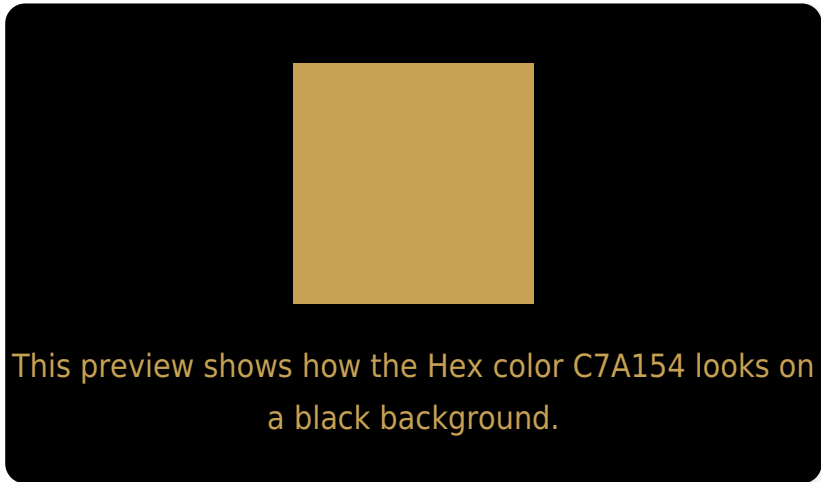
Large Text (above 18pt) WCAG AA × Fail

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 C7A154 Background



This preview shows how black text looks on a background with the Hex color C7A154.



This preview shows how white text looks on a background with the Hex color C7A154.

# 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**  
C7A154

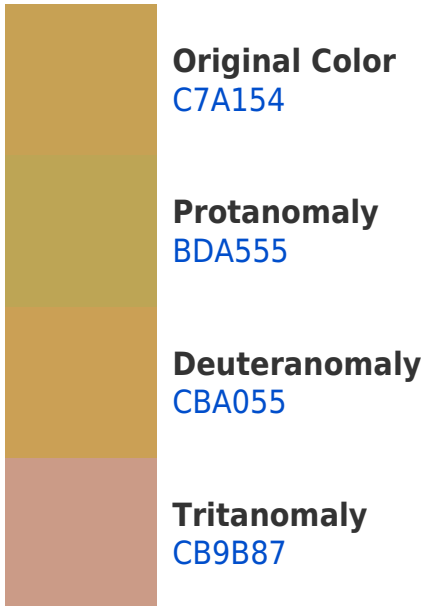
**Protanopia**  
B8A756

**Deuteranopia**  
CD9F55

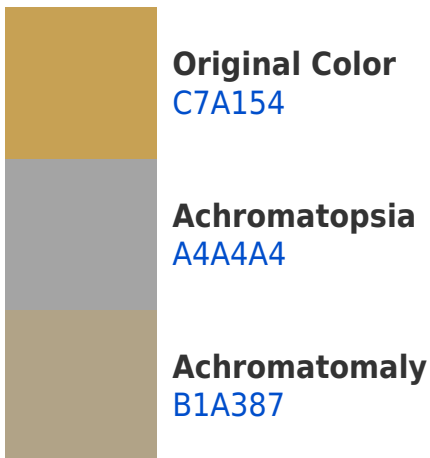


**Tritanopia**  
CE98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7A154 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 #C7A154 looks like.

```
.text, #text, p{  
    color:#C7A154  
}
```

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 #C7A154 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7A154
}
```

## Border

The CSS property to change the border of an element to Hex C7A154 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
#C7A154 }
```

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

```
.border{ border-color:#C7A154 }
```

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

Here you see how a box with a 4 pixel #C7A154 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7A154; -webkit-box-shadow:4px 4px  
4px 4px #C7A154; box-shadow:4px 4px 4px  
4px #C7A154 }
```

# Background

The CSS property to change the background color of an element to Hex C7A154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7A154 }
```

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

```
.background{ background-color:#C7A154 }
```

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