

Converting Colors

Hex(C4A654)

Have a look what the booklet for
Hex(C4A654) contains.

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Color

Hex(C4A654)

Conversions

Conversions Part 1

Format	Color
Hex	C4A654
RGB	196, 166, 84
RGB Percent	77%, 65%, 33%
CMY	0.2314, 0.3490, 0.6706
CMYK	0.00, 0.15, 0.57, 0.23
HSL	44°, 49%, 55%
HSV	44°, 57%, 77%
XYZ	38.0014, 39.6483, 14.0375
YIQ	165.6220, 44.2020, -19.1420

Conversions

Conversions Part 2

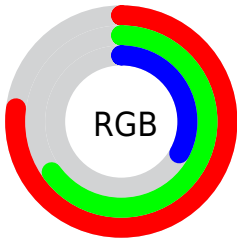
Format	Color
RYB	125, 196, 84
Decimal	12887636
CIELab	69.22, 1.03, 45.89
CIElCh	69, 45.904, 88.718
Yxy	39.6483, 0.4145, 0.4324
Android (android.graphics.Color)	4291077716 (0xFFC4A654)
YUV	165.6220, -40.2396, 26.6415
Hunter-Lab	62.9669, -2.4648, 30.8590

Details

The Hex color **C4A654** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5472C4**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFDD88**, and **8C7222** is the 20% darker color. If you saturate the color by 10%, you get **C4A140**, and if you desaturate by 10%, it is **C4AB68**.

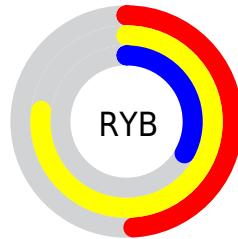
Distribution



Red (77%)

Green (65%)

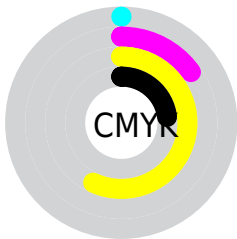
Blue (33%)



Red (49%)

Yellow (77%)

Blue (33%)

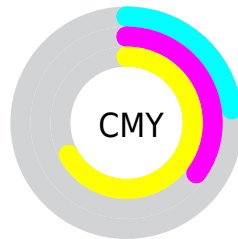


Cyan (0%)

Magenta (15%)

Yellow (57%)

Black (23%)



Cyan (23%)

Magenta (35%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4A654 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 C4A654 by changing the saturation by 10% instead.



C4A654



C4A654

FFFFFF



A78C3B



FFDD88



8C7222



FFF9A3



705A03



FFFFBE



564300



FFFFDB



3C2D00



FFFFF7



231900



000000



C4A654



C4A654



C4A140



C4AB68

 C49B2D

 C4B17B

 C49619

 C4B68F

 C49106

 C4BBA2

 C49000

 C4C0B6

 C4C6CA

 C4CBDD

 C4D0F1

 C4D5FF

Harmonies

Analogous

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



E59763



C4A654



9AB25E

Triad

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



C4A654



00BED0



DB90D5

Complementary

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



C4A654



5472C4

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.



AA9FF2



C4A654



00B8EF

Square

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



C4A654



00BEA6



5FAEFC



F587AC

Rectangle

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



C4A654



79B870



5FAEFC



CD94E0

Sweetspot

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



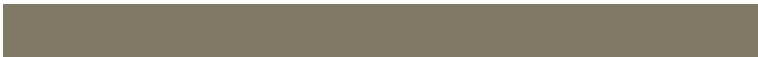
C4A654



FFF3D4



C45474



807966



000000



808080

Same Dimension

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



C4A654



FFD04F



ACC454



615E57



A17600



211800

Inverse Universe

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



5472C4



4F7EFF



6C54C4



575A61



002BA1



000921

Previews

White Background



This preview shows how the Hex color C4A654 looks on a white background.

Color Contrast Check

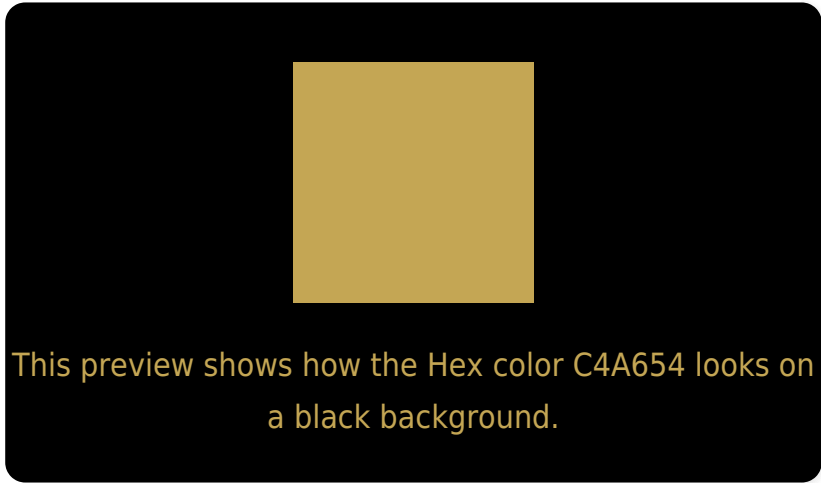
Large Text (above 18pt) WCAG AA × Fail

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 C4A654 Background



This preview shows how black text looks on a background with the Hex color C4A654.

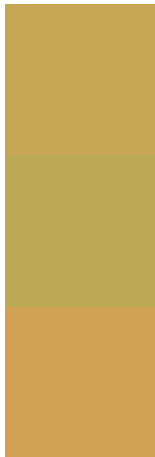


This preview shows how white text looks on a background with the Hex color C4A654.

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
C4A654

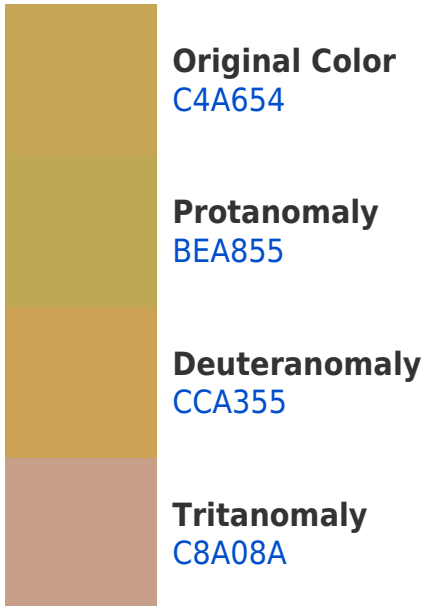
Protanopia
BBA955

Deuteranopia
D0A155

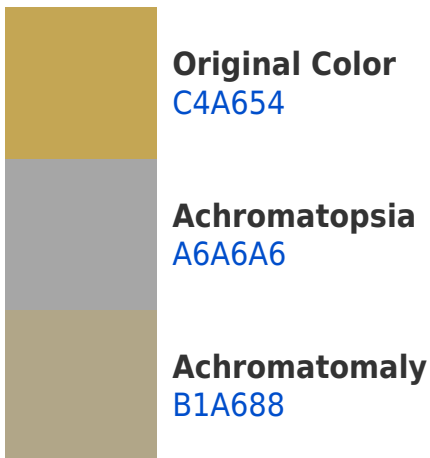


Tritanopia
CB9DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4A654 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 #C4A654 looks like.

```
.text, #text, p{  
    color:#C4A654  
}
```

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 #C4A654 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4A654
}
```

Border

The CSS property to change the border of an element to Hex C4A654 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
#C4A654 }
```

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

```
.border{ border-color:#C4A654 }
```

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

Here you see how a box with a 4 pixel #C4A654 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4A654; -webkit-box-shadow:4px 4px  
4px 4px #C4A654; box-shadow:4px 4px 4px  
4px #C4A654 }
```

Background

The CSS property to change the background color of an element to Hex C4A654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4A654 }
```

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

```
.background{ background-color:#C4A654 }
```

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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