

Converting Colors

Hex(C2A754)

Have a look what the booklet for
Hex(C2A754) contains.

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Color

Hex(C2A754)

Conversions

Conversions Part 1

Format	Color
Hex	C2A754
RGB	194, 167, 84
RGB Percent	76%, 65%, 33%
CMY	0.2392, 0.3451, 0.6706
CMYK	0.00, 0.14, 0.57, 0.24
HSL	45°, 47%, 55%
HSV	45°, 57%, 76%
XYZ	37.6671, 39.7469, 14.0741
YIQ	165.6110, 42.7350, -20.0890

Conversions

Conversions Part 2

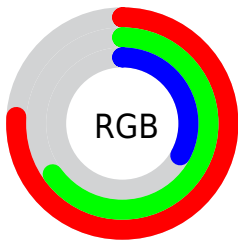
Format	Color
RYB	120, 194, 84
Decimal	12756820
CIELab	69.29, -0.36, 45.93
CIELCh	69, 45.928, 90.450
Yxy	39.7469, 0.4117, 0.4344
Android (android.graphics.Color)	4290946900 (0xFFC2A754)
YUV	165.6110, -40.2342, 24.8972
Hunter-Lab	63.0451, -3.6819, 30.8957

Details

The Hex color **C2A754** 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 **546FC2**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FDDE88**, and **8A7322** is the 20% darker color. If you saturate the color by 10%, you get **C2A241**, and if you desaturate by 10%, it is **C2AC67**.

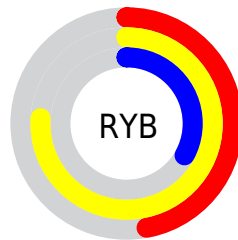
Distribution



Red (76%)

Green (65%)

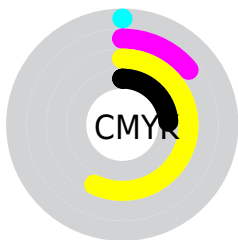
Blue (33%)



Red (47%)

Yellow (76%)

Blue (33%)

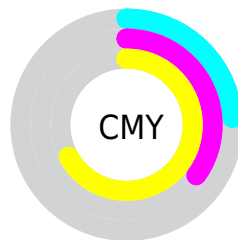


Cyan (0%)

Magenta (14%)

Yellow (57%)

Black (24%)



Cyan (24%)

Magenta (35%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2A754 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 C2A754 by changing the saturation by 10% instead.



C2A754



C2A754

FFFFFF



A68D3B



FDDE88



8A7322



FFFAA3



6E5B03



FFFFBE



544400



FFFFDB



3A2E00



FFFFF8



221900



000000



C2A754



C2A754



C2A241



C2AC67

 C29D2D

 C2B17B

 C2991A

 C2B58E

 C29406

 C2BAA2

 C29200

 C2BFB5

 C2C4C8

 C2C8DC

 C2CDEF

 C2D2FF

Harmonies

Analogous

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



E39861



C2A754



97B35F

Triad

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



C2A754



00BED2



DD8FD3

Complementary

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



C2A754



546FC2

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.



AD9EF1



C2A754



00B8F1

Square

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



C2A754



00BFA8



65ADFC



F687AA

Rectangle

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



C2A754



76B972



65ADFC



D094DF

Sweetspot

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



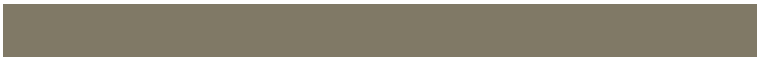
C2A754



FCF2D2



C2546F



807966



000000



808080

Same Dimension

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



C2A754



FCD251



A7C254



615F57



A17900



211900

Inverse Universe

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



546FC2



517BFC



6F54C2



575A61



0027A1



000821

Previews

White Background



This preview shows how the Hex color C2A754 looks on a white background.

Color Contrast Check

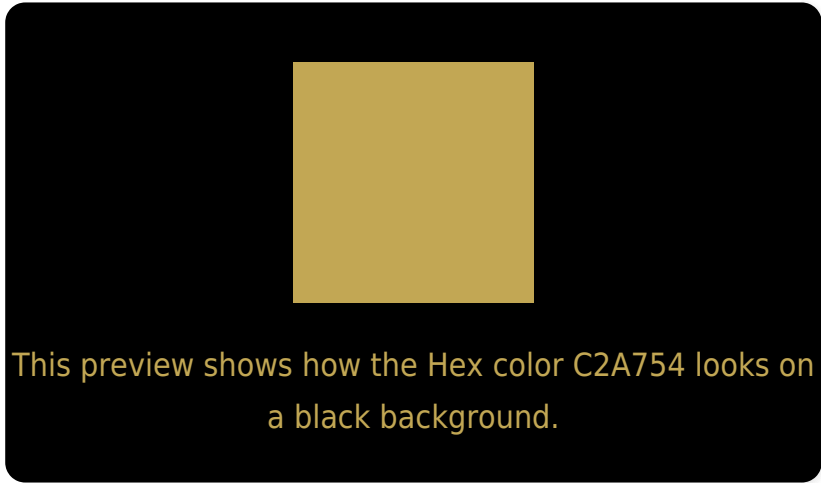
Large Text (above 18pt) WCAG AA × Fail

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 C2A754 Background



This preview shows how black text looks on a background with the Hex color C2A754.



This preview shows how white text looks on a background with the Hex color C2A754.

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
C2A754

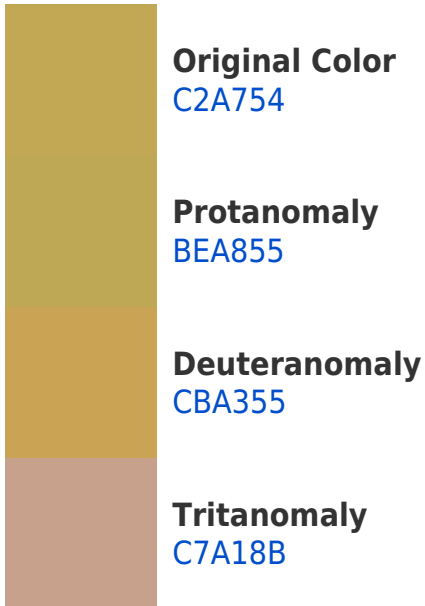
Protanopia
BBA955

Deuteranopia
D0A155

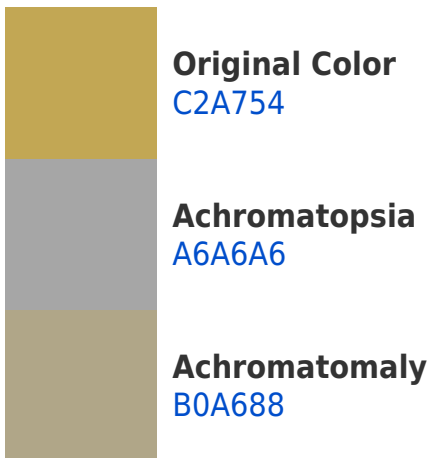


Tritanopia
CA9DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2A754 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 #C2A754 looks like.

```
.text, #text, p{  
    color:#C2A754  
}
```

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 #C2A754 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2A754
}
```

Border

The CSS property to change the border of an element to Hex C2A754 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
#C2A754 }
```

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

```
.border{ border-color:#C2A754 }
```

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

Here you see how a box with a 4 pixel #C2A754 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2A754; -webkit-box-shadow:4px 4px  
4px 4px #C2A754; box-shadow:4px 4px 4px  
4px #C2A754 }
```

Background

The CSS property to change the background color of an element to Hex C2A754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2A754 }
```

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

```
.background{ background-color:#C2A754 }
```

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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