

Converting Colors

Hex(C3A853)

Have a look what the booklet for
Hex(C3A853) contains.

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Color

Hex(C3A853)

Conversions

Conversions Part 1

Format	Color
Hex	C3A853
RGB	195, 168, 83
RGB Percent	76%, 66%, 33%
CMY	0.2353, 0.3412, 0.6745
CMYK	0.00, 0.14, 0.57, 0.24
HSL	46°, 48%, 55%
HSV	46°, 57%, 76%
XYZ	38.0696, 40.2319, 13.9427
YIQ	166.3830, 43.3770, -20.7110

Conversions

Conversions Part 2

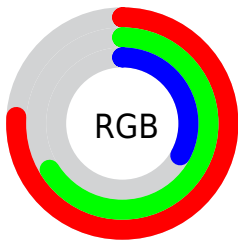
Format	Color
RYB	119, 195, 83
Decimal	12822611
CIELab	69.63, -0.55, 46.84
CIELCh	70, 46.841, 90.668
Yxy	40.2319, 0.4127, 0.4361
Android (android.graphics.Color)	4291012691 (0xFFC3A853)
YUV	166.3830, -41.1078, 25.0971
Hunter-Lab	63.4286, -3.8650, 31.3671

Details

The Hex color **C3A853** 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 **536EC3**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FEDF87**, and **8B7420** is the 20% darker color. If you saturate the color by 10%, you get **C3A340**, and if you desaturate by 10%, it is **C3AD67**.

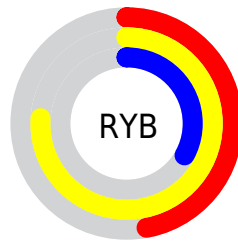
Distribution



Red (76%)

Green (66%)

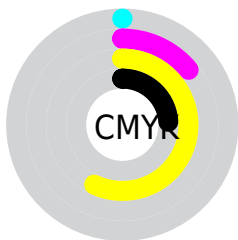
Blue (33%)



Red (47%)

Yellow (76%)

Blue (33%)

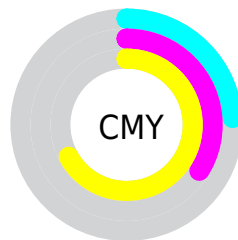


Cyan (0%)

Magenta (14%)

Yellow (57%)

Black (24%)



Cyan (24%)

Magenta (34%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3A853 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 C3A853 by changing the saturation by 10% instead.

 C3A853

 C3A853

FFFFFF

 A68E3A

 FEDF87

 8B7420

 FFFBA2

 6F5C01

 FFFFBD

 554500

 FFFFFDA

 3B2F00

 FFFFFFF7

 221A00

 000000

 C3A853

 C3A853

 C3A340

 C3AD67

 C39F2C

 C3B17A

 C39A18

 C3B68E

 C39505

 C3BBA1

 C39400

 C3C0B5

 C3C4C8

 C3C9DB

 C3CEEF

 C3D2FF

Harmonies

Analogous

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



E59961



C3A853



97B45F

Triad

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



C3A853



00BFD4



E08FD4

Complementary

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



C3A853



536EC3

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.



AF9FF3



C3A853



00B9F3

Square

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



C3A853



00C0AA



64AEFF



F887AB

Rectangle

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



C3A853



75BA72



64AEFF



D294E0

Sweetspot

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



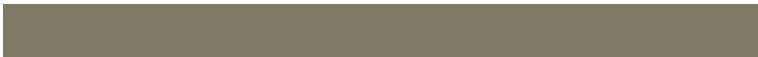
C3A853



FCF2D2



C3536F



807966



000000



808080

Same Dimension

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



C3A853



FCD24E



A7C353



615F57



A17A00



211900

Inverse Universe

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



536EC3



4E78FC



6F53C3



575A61



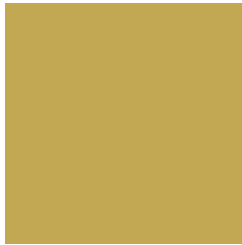
0027A1



000821

Previews

White Background



This preview shows how the Hex color C3A853 looks on a white background.

Color Contrast Check

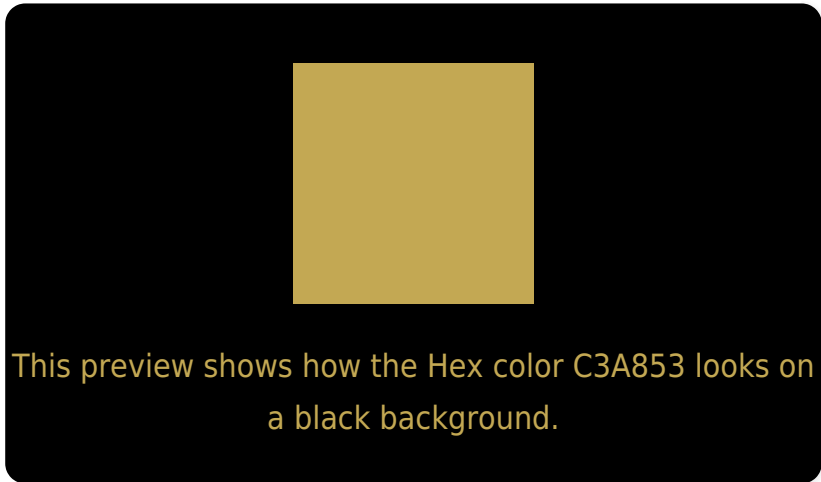
Large Text (above 18pt) WCAG AA × Fail

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 C3A853 Background



This preview shows how black text looks on a background with the Hex color C3A853.

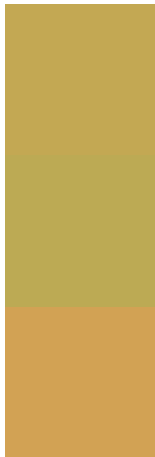


This preview shows how white text looks on a background with the Hex color C3A853.

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
C3A853

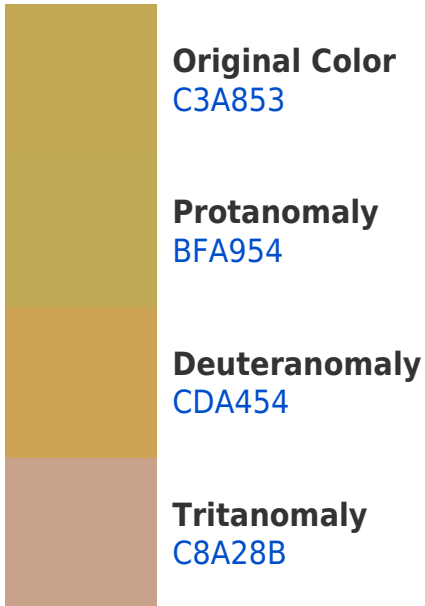
Protanopia
BCAA54

Deuteranopia
D2A254

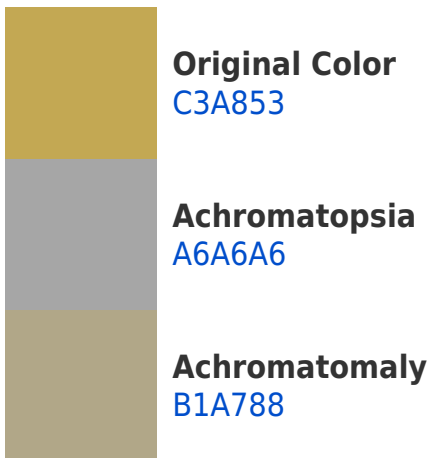


Tritanopia
CB9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3A853 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 #C3A853 looks like.

```
.text, #text, p{  
    color:#C3A853  
}
```

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 #C3A853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3A853
}
```

Border

The CSS property to change the border of an element to Hex C3A853 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
#C3A853 }
```

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

```
.border{ border-color:#C3A853 }
```

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

Here you see how a box with a 4 pixel #C3A853 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3A853; -webkit-box-shadow:4px 4px  
4px 4px #C3A853; box-shadow:4px 4px 4px  
4px #C3A853 }
```

Background

The CSS property to change the background color of an element to Hex C3A853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3A853 }
```

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

```
.background{ background-color:#C3A853 }
```

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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