

Converting Colors

Hex(C0A833)

Have a look what the booklet for
Hex(C0A833) contains.

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Color

Hex(C0A833)

Conversions

Conversions Part 1

Format	Color
Hex	C0A833
RGB	192, 168, 51
RGB Percent	75%, 66%, 20%
CMY	0.2471, 0.3412, 0.8000
CMYK	0.00, 0.12, 0.73, 0.25
HSL	50°, 58%, 48%
HSV	50°, 73%, 75%
XYZ	36.3384, 39.4507, 8.8315
YIQ	161.8380, 51.8610, -31.2990

Conversions

Conversions Part 2

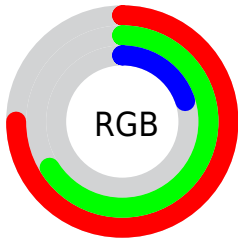
Format	Color
RYB	80, 192, 51
Decimal	12625971
CIELab	69.08, -3.82, 60.11
CIElCh	69, 60.231, 93.632
Yxy	39.4507, 0.4294, 0.4662
Android (android.graphics.Color)	4290816051 (0xFFC0A833)
YUV	161.8380, -54.6431, 26.4521
Hunter-Lab	62.8098, -6.6467, 35.6303

Details

The Hex color **C0A833** 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 **334BC0**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FBDF69**, and **877400** is the 20% darker color. If you saturate the color by 10%, you get **C0A520**, and if you desaturate by 10%, it is **C0AB46**.

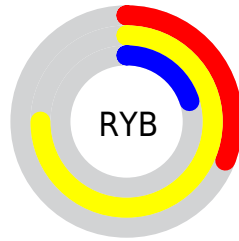
Distribution



Red (75%)

Green (66%)

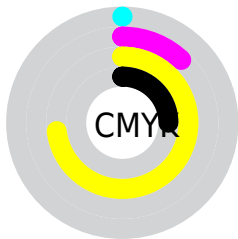
Blue (20%)



Red (31%)

Yellow (75%)

Blue (20%)

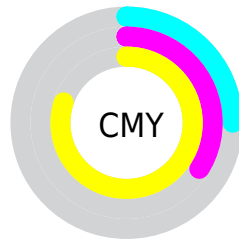


Cyan (0%)

Magenta (12%)

Yellow (73%)

Black (25%)



Cyan (25%)

Magenta (34%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0A833 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 C0A833 by changing the saturation by 10% instead.

 C0A833

 C0A833

FFFFFF

 A38E13

 FBDF69

 877400

 FFFB84

 6B5C00

 FFFFA0

 504500

 FFFFBC

 362F00

 FFFFD8

 1D1A00

 FFFFF6

 000000

 C0A833

 C0A833

 C0A520

 C0AB46

 C0A10D

 C0AF59

 C09F00

 C0B26D

 C0B580

 C0B893

 C0BCA6

 C0BFB9

 C0C2CD

 C0C5E0

Harmonies

Analogous

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



EC9445



C0A833



88B748

Triad

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



C0A833



00C2E4



F081DA

Complementary

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



C0A833



334BC0

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.



B497FF



C0A833



00BBFF

Square

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



C0A833



00C3AE



3DACFF



FF77A4

Rectangle

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



C0A833



57BD65



3DACFF



E088EA

Sweetspot

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



C0A833



FAF1C3



C0334D



7D775C



FCFCFC



7D7D7D

Same Dimension

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



C0A833



FAD41E



93C033



615F57



A18500



211C00

Inverse Universe

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



334BC0



1E43FA



6033C0



575961



001BA1



000621

Previews

White Background



This preview shows how the Hex color C0A833 looks on a white background.

Color Contrast Check

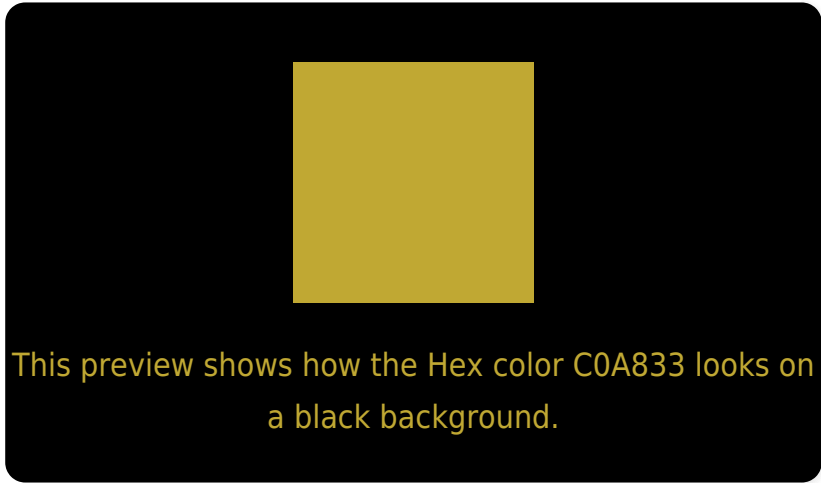
Large Text (above 18pt) WCAG AA × Fail

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 C0A833 Background



This preview shows how black text looks on a background with the Hex color C0A833.

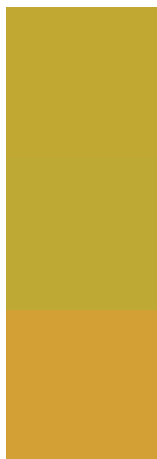


This preview shows how white text looks on a background with the Hex color C0A833.

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
C0A833

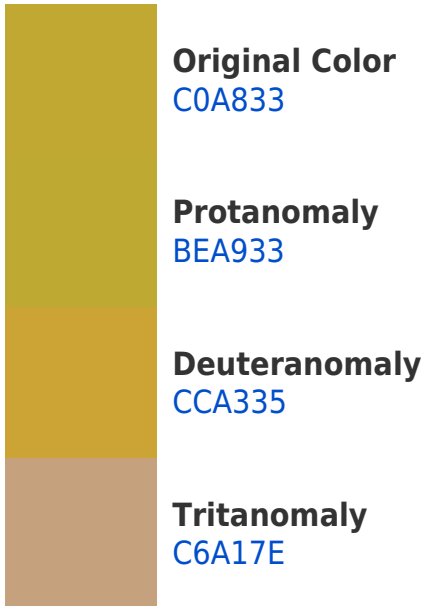
Protanopia
BDA933

Deuteranopia
D3A036

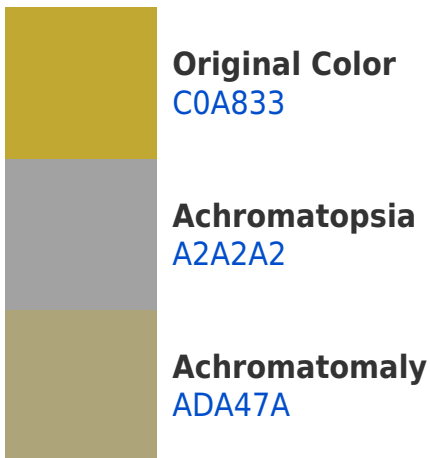


Tritanopia
C99DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C0A833 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 #C0A833 looks like.

```
.text, #text, p{  
    color:#C0A833  
}
```

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 #C0A833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0A833
}
```

Border

The CSS property to change the border of an element to Hex C0A833 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
#C0A833 }
```

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

```
.border{ border-color:#C0A833 }
```

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

Here you see how a box with a 4 pixel #C0A833 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0A833; -webkit-box-shadow:4px 4px  
4px 4px #C0A833; box-shadow:4px 4px 4px  
4px #C0A833 }
```

Background

The CSS property to change the background color of an element to Hex C0A833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0A833 }
```

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

```
.background{ background-color:#C0A833 }
```

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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