

Converting Colors

Hex(C8A337)

Have a look what the booklet for
Hex(C8A337) contains.

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Color

Hex(C8A337)

Conversions

Conversions Part 1

Format	Color
Hex	C8A337
RGB	200, 163, 55
RGB Percent	78%, 64%, 22%
CMY	0.2157, 0.3608, 0.7843
CMYK	0.00, 0.19, 0.72, 0.22
HSL	45°, 57%, 50%
HSV	45°, 72%, 78%
XYZ	37.6062, 38.7496, 9.1118
YIQ	161.7510, 56.7200, -25.7440

Conversions

Conversions Part 2

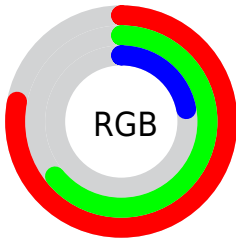
Format	Color
RYB	105, 200, 55
Decimal	13148983
CIELab	68.57, 2.54, 58.33
CIELCh	69, 58.384, 87.505
Yxy	38.7496, 0.4400, 0.4534
Android (android.graphics.Color)	4291339063 (0xFFC8A337)
YUV	161.7510, -52.6282, 33.5444
Hunter-Lab	62.2492, -1.0999, 34.8958

Details

The Hex color **C8A337** 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 **375CC8**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFDA6C**, and **8E7000** is the 20% darker color. If you saturate the color by 10%, you get **C89E23**, and if you desaturate by 10%, it is **C8A84B**.

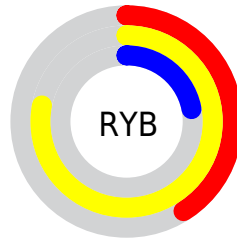
Distribution



Red (78%)

Green (64%)

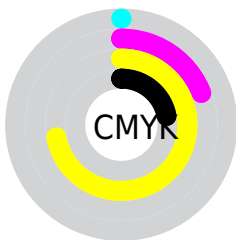
Blue (22%)



Red (41%)

Yellow (78%)

Blue (22%)

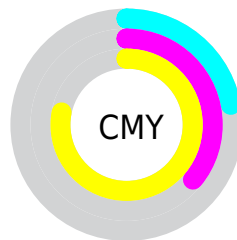


Cyan (0%)

Magenta (19%)

Yellow (72%)

Black (22%)



Cyan (22%)

Magenta (36%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color C8A337 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 C8A337 by changing the saturation by 10% instead.



C8A337



C8A337

FFFFFF



AB891A



FFDA6C



8E7000



FFF687



725800



FFFFA3



574000



FFFFBF



3C2B00



FFFFDB



231700



FFFFF8



000000



C8A337



C8A337



C89E23



C8A84B

 C8990F

 C8AD5F

 C89500

 C8B273

 C8B787

 C8BD9B

 C8C2AF

 C8C7C3

 C8CCD7

 C8D1EB

Harmonies

Analogous

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



F08F4E



C8A337



94B343

Triad

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



C8A337



00C1D6



E485E1

Complementary

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



C8A337



375CC8

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.



A29BFF



C8A337



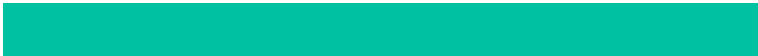
00BBFF

Square

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



C8A337



00C1A1



00AEFF



FF78AE

Rectangle

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



C8A337



69BA5C



00AEFF



D28CEF

Sweetspot

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



C8A337



FFF1C7



C8375E



80775E



000000



808080

Same Dimension

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



C8A337



FFC621



A6C837



63615A



A37A00



241B00

Inverse Universe

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



375CC8



215AFF



5937C8



5A5C63



002AA3



000924

Previews

White Background



This preview shows how the Hex color C8A337 looks on a white background.

Color Contrast Check

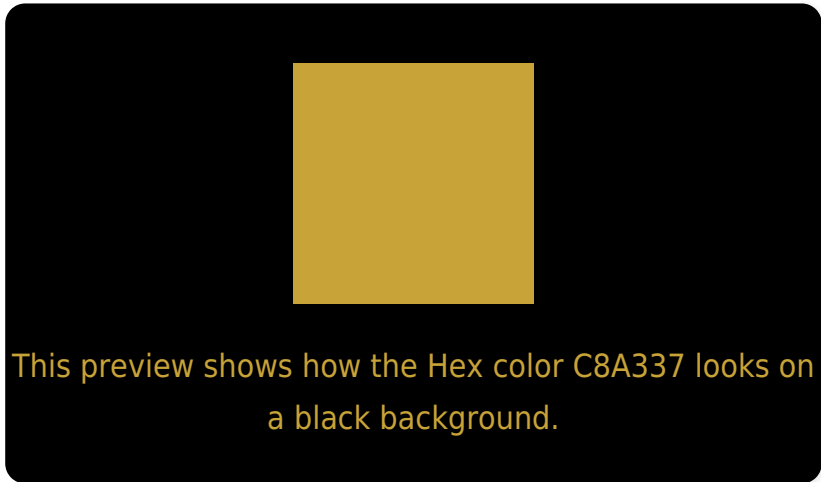
Large Text (above 18pt) WCAG AA × Fail

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 C8A337 Background



This preview shows how black text looks on a background with the Hex color C8A337.



This preview shows how white text looks on a background with the Hex color C8A337.

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
C8A337

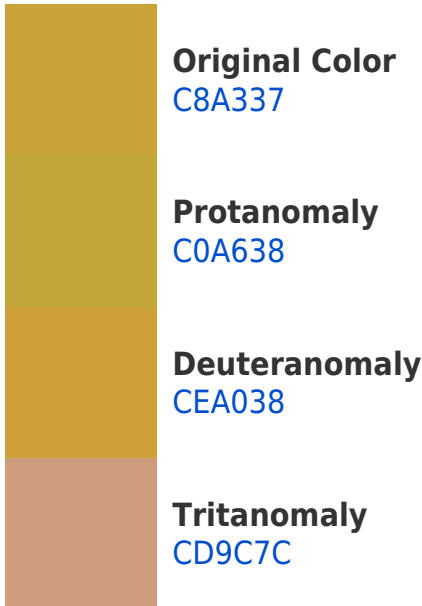
Protanopia
BBA838

Deuteranopia
D19F38

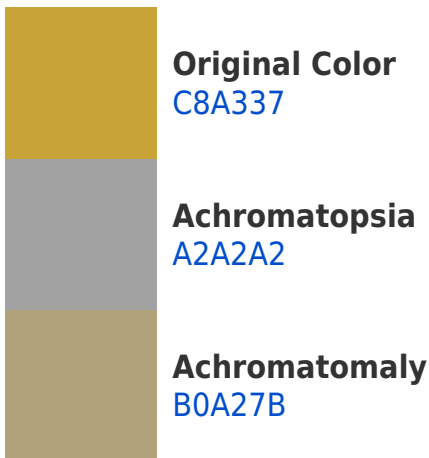


Tritanopia
D098A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C8A337 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 #C8A337 looks like.

```
.text, #text, p{  
    color:#C8A337  
}
```

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 #C8A337 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8A337
}
```

Border

The CSS property to change the border of an element to Hex C8A337 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
#C8A337 }
```

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

```
.border{ border-color:#C8A337 }
```

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

Here you see how a box with a 4 pixel #C8A337 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8A337; -webkit-box-shadow:4px 4px  
4px 4px #C8A337; box-shadow:4px 4px 4px  
4px #C8A337 }
```

Background

The CSS property to change the background color of an element to Hex C8A337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8A337 }
```

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

```
.background{ background-color:#C8A337 }
```

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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