

Converting Colors

Hex(C28837)

Have a look what the booklet for
Hex(C28837) contains.

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Color

Hex(C28837)

Conversions

Conversions Part 1

Format	Color
Hex	C28837
RGB	194, 136, 55
RGB Percent	76%, 53%, 22%
CMY	0.2392, 0.4667, 0.7843
CMYK	0.00, 0.30, 0.72, 0.24
HSL	35°, 56%, 49%
HSV	35°, 72%, 76%
XYZ	31.7419, 29.3535, 7.6072
YIQ	144.1080, 60.5690, -12.8950

Conversions

Conversions Part 2

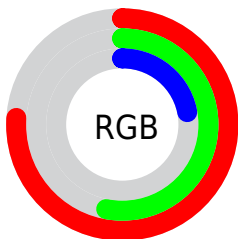
Format	Color
R_{YB}	155, 194, 55
Decimal	12748855
CIE _{Lab}	61.09, 14.60, 50.54
CIE _{LCh}	61, 52.612, 73.885
Yxy	29.3535, 0.4620, 0.4273
Android (android.graphics.Color)	4290938935 (0xFFC28837)
YUV	144.1080, -43.9302, 43.7553
Hunter-Lab	54.1789, 9.7652, 29.6003

Details

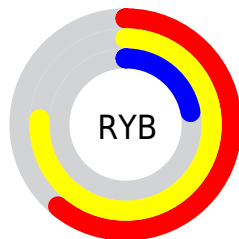
The Hex color **C28837** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **3771C2**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FEBD6A**, and **885600** is the 20% darker color. If you saturate the color by 10%, you get **C28024**, and if you desaturate by 10%, it is **C2904A**.

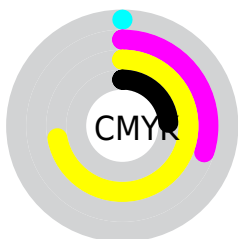
Distribution



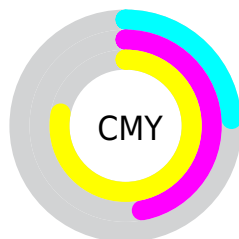
- Red (76%)
- Green (53%)
- Blue (22%)



- Red (61%)
- Yellow (76%)
- Blue (22%)



- Cyan (0%)
- Magenta (30%)
- Yellow (72%)
- Black (24%)



- Cyan (24%)
- Magenta (47%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color C28837 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 C28837 by changing the saturation by 10% instead.



C28837



C28837

FFFFFF



A56F1D



FEBD6A



885600



FFD984



6C3F00



FFF59F



502900



FFFFBB



361400



FFFFD7



1F0000



FFFFF4



000000



C28837



C28837



C28024



C2904A

 C27810

 C2985E

 C27100

 C2A071

 C2A885

 C2B098

 C2B9AB

 C2C1BF

 C2C9D2

 C2D1E6

Harmonies

Analogous

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



DF7655



C28837



999833

Triad

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



C28837



00AAA8



B27ED7

Complementary

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



C28837



3771C2

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.



6891EE



C28837



00A8D3

Square

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



C28837



00A978



00A0EC



DC6EAE

Rectangle

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



C28837



77A042



00A0EC



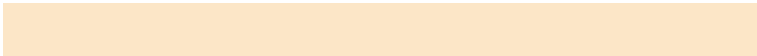
9E85E1

Sweetspot

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



C28837



FCE6C7



C23773



807260



000000



808080

Same Dimension

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



C28837



FCA223



B9C237



615D57



A15E00



211300

Inverse Universe

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



3771C2



237EFC



4037C2



575B61



0043A1



000E21

Previews

White Background



This preview shows how the Hex color C28837 looks on a white background.

Color Contrast Check

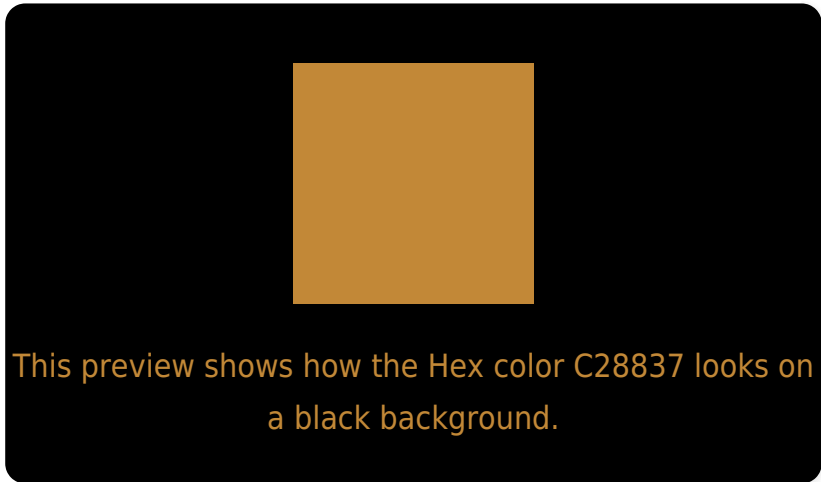
Large Text (above 18pt) WCAG AA ✓ Pass

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

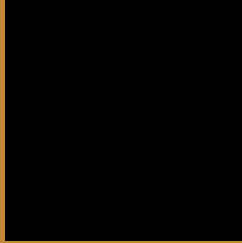
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C28837 Background



This preview shows how black text looks on a background with the Hex color C28837.



This preview shows how white text looks on a background with the Hex color C28837.

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
C28837

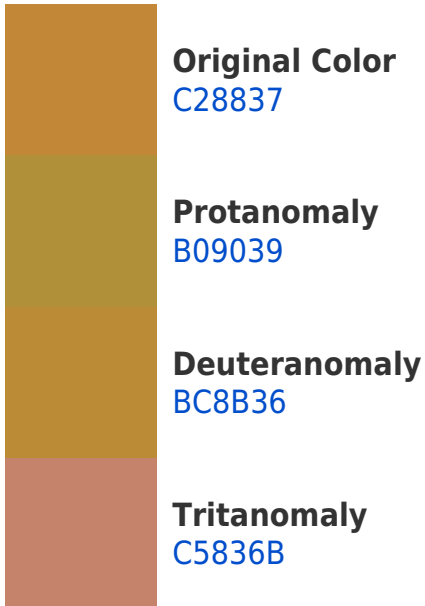
Protanopia
A5943A

Deuteranopia
B88C36



Tritanopia
C78089

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C28837 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 #C28837 looks like.

```
.text, #text, p{  
    color:#C28837  
}
```

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 #C28837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C28837
}
```

Border

The CSS property to change the border of an element to Hex C28837 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
#C28837 }
```

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

```
.border{ border-color:#C28837 }
```

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

Here you see how a box with a 4 pixel #C28837 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C28837; -webkit-box-shadow:4px 4px  
4px 4px #C28837; box-shadow:4px 4px 4px  
4px #C28837 }
```

Background

The CSS property to change the background color of an element to Hex C28837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C28837 }
```

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

```
.background{ background-color:#C28837 }
```

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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