

# Converting Colors

Hex(C68D37)

Have a look what the booklet for  
Hex(C68D37) contains.

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# **Color**

**Hex(C68D37)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C68D37
RGB	198, 141, 55
RGB Percent	78%, 55%, 22%
CMY	0.2235, 0.4471, 0.7843
CMYK	0.00, 0.29, 0.72, 0.22
HSL	36°, 57%, 50%
HSV	36°, 72%, 78%
XYZ	33.5032, 31.3314, 7.8962
YIQ	148.2390, 61.5780, -14.6620

# Conversions

## Conversions Part 2

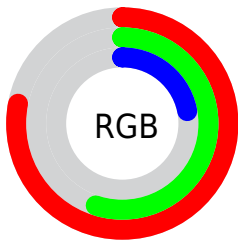
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">150, 198, 55</a>
Decimal	<a href="#">13012279</a>
CIELab	<a href="#">62.79, 13.60, 52.44</a>
CIElCh	<a href="#">63, 54.171, 75.457</a>
Yxy	<a href="#">31.3314, 0.4606, 0.4308</a>
Android (android.graphics.Color)	<a href="#">4291202359 (0xFFC68D37)</a>
YUV	<a href="#">148.2390, -45.9668, 43.6404</a>
Hunter-Lab	<a href="#">55.9744, 8.8849, 30.8182</a>

# Details

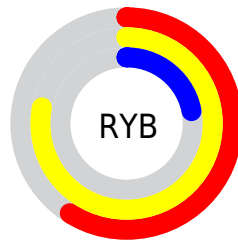
The Hex color **C68D37** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **3770C6**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFC36B**, and **8C5B00** is the 20% darker color. If you saturate the color by 10%, you get **C68523**, and if you desaturate by 10%, it is **C6954B**.

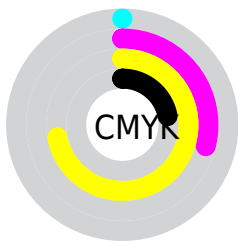
# Distribution



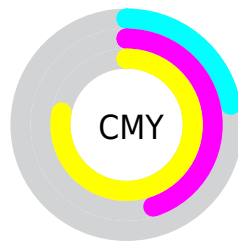
- Red (78%)
- Green (55%)
- Blue (22%)



- Red (59%)
- Yellow (78%)
- Blue (22%)



- Cyan (0%)
- Magenta (29%)
- Yellow (72%)
- Black (22%)



- Cyan (22%)
- Magenta (45%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C68D37 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 C68D37 by changing the saturation by 10% instead.



 C68D37

 C68D37

FFFFFF

 A9741C

 FFC36B

 8C5B00

 FFDE85

 704400

 FFFBA0

 542D00

 FFFFBC

 391900

 FFFFFD8

 210000

 FFFFF5

 000000

 C68D37

 C68D37

 C68523

 C6954B

 C67D0F

 C69D5F

 C67700

 C6A572

 C6AD86

 C6B49A

 C6BCAE

 C6C4C2

 C6CCD5

 C6D4E9

# Harmonies

## Analogous

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



E57A55



C68D37



9B9D34

# Triad

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



C68D37



00B0B0



BB81DC

# Complementary

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



C68D37



3770C6

# 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.



7095F5



C68D37



00ADDB

# Square

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



C68D37



00AE7E



00A4F5



E470B1

# Rectangle

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



C68D37



78A545



00A4F5



A688E7

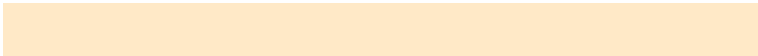


# Sweetspot

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



C68D37



FFE9C7



C63770



80725E



000000



808080



# Same Dimension

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



C68D37



FFA721



B8C637



635F5A



A36200



241500



# Inverse Universe

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



3770C6



217AFF



4537C6



5A5D63



0041A3



000E24



# Previews

## White Background



This preview shows how the Hex color C68D37 looks on a white background.

## Color Contrast Check

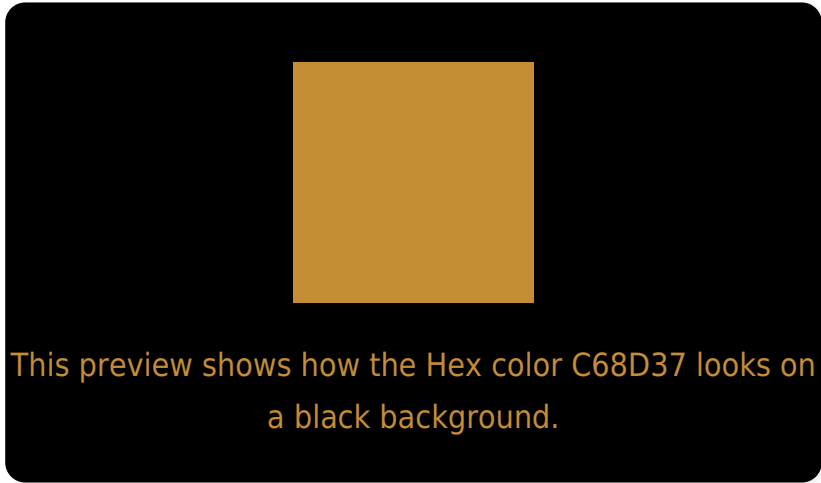
Large Text (above 18pt) WCAG AA × Fail

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 C68D37 Background



This preview shows how black text looks on a background with the Hex color C68D37.



This preview shows how white text looks on a background with the Hex color C68D37.

# 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



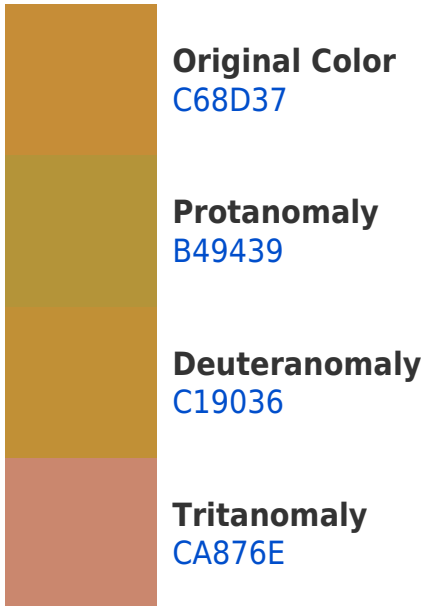
**Original Color**  
C68D37

**Protanopia**  
AA983A

**Deuteranopia**  
BE9136



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C68D37 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 #C68D37 looks like.

```
.text, #text, p{  
    color:#C68D37  
}
```

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 #C68D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C68D37
}
```

## Border

The CSS property to change the border of an element to Hex C68D37 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
#C68D37 }
```

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

```
.border{ border-color:#C68D37 }
```

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

Here you see how a box with a 4 pixel #C68D37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C68D37; -webkit-box-shadow:4px 4px  
4px 4px #C68D37; box-shadow:4px 4px 4px  
4px #C68D37 }
```

# Background

The CSS property to change the background color of an element to Hex C68D37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C68D37 }
```

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

```
.background{ background-color:#C68D37 }
```

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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