

# Converting Colors

Hex(C17338)

Have a look what the booklet for  
Hex(C17338) contains.

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**Color**

**Hex(C17338)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C17338
RGB	193, 115, 56
RGB Percent	76%, 45%, 22%
CMY	0.2431, 0.5490, 0.7804
CMYK	0.00, 0.40, 0.71, 0.24
HSL	26°, 55%, 49%
HSV	26°, 71%, 76%
XYZ	28.8369, 23.8844, 6.8317
YIQ	131.5960, 65.4270, -1.8130

# Conversions

## Conversions Part 2

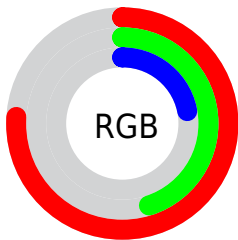
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 160, 56
Decimal	12677944
CIE Lab	55.97, 25.75, 44.62
CIE LCh	56, 51.515, 60.008
Yxy	23.8844, 0.4842, 0.4011
Android (android.graphics.Color)	4290868024 (0xFFC17338)
YUV	131.5960, -37.2688, 53.8513
Hunter-Lab	48.8717, 19.7988, 25.9222

# Details

The Hex color **C17338** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3886C1**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FEA76A**, and **864204** is the 20% darker color. If you saturate the color by 10%, you get **C16825**, and if you desaturate by 10%, it is **C17E4B**.

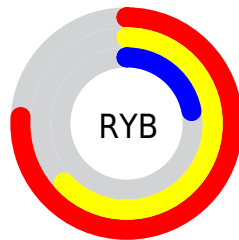
# Distribution



Red (76%)

Green (45%)

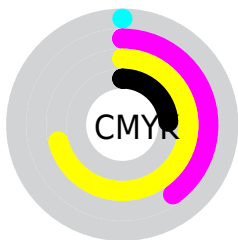
Blue (22%)



Red (76%)

Yellow (63%)

Blue (22%)

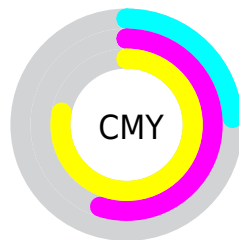


Cyan (0%)

Magenta (40%)

Yellow (71%)

Black (24%)



Cyan (24%)

Magenta (55%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C17338 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 C17338 by changing the saturation by 10% instead.



 C17338

 C17338

FFFFFF

 A35A20

 FEA76A

 864204

 FFC384

 6A2B00

 FFDF9E

 4E1400

 FFFCBA

 330000

 FFFFFD6

 130000

 FFFFFF2

 000000

 C17338

 C17338

 C16825

 C17E4B

 C15D11

 C1895F

 C15300

 C19472

 C19F85

 C1AA99

 C1B5AC

 C1C0BF

 C1CBD2

 C1D6E6

# Harmonies

## Analogous

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



D6635C



C17338



9E8425

# Triad

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



C17338



009C85



877AD4

# Complementary

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



C17338



3886C1

# 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.



048BE0



C17338



009BB2

# Square

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



C17338



309857



0096D3



BC68B4

# Rectangle

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



C17338



818D2B



0096D3



6D80DA



# Sweetspot

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



C17338



FADCC5



C13888



7D6B5E



FCFCFC



7D7D7D



# Same Dimension

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



C17338



FA8125



C1B638



615B57



A14500



210E00



# Inverse Universe

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



3886C1



259EFA



3843C1



575D61



005BA1

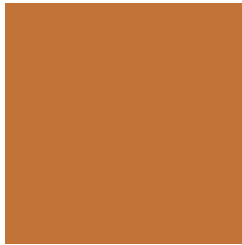


001321



# Previews

## White Background



This preview shows how the Hex color C17338 looks on a white background.

## Color Contrast Check

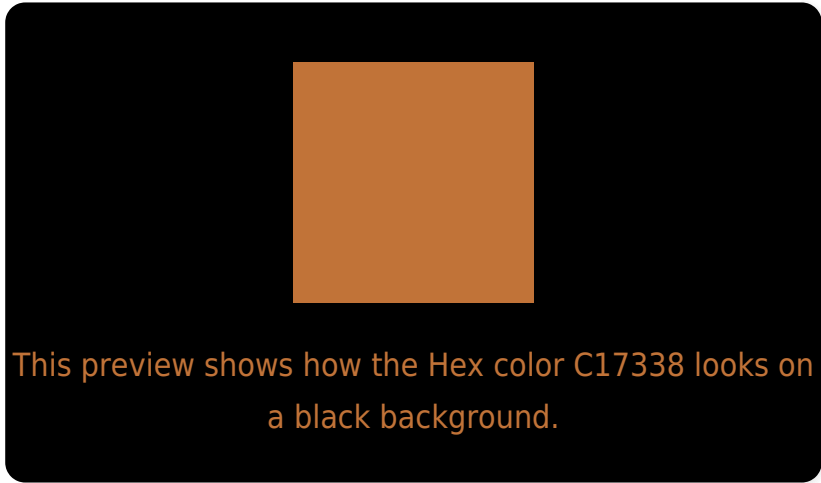
Large Text (above 18pt) WCAG AA ✓ Pass

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

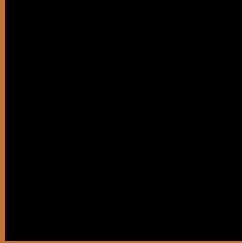
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C17338 Background



This preview shows how black text looks on a background with the Hex color C17338.




This preview shows how white text looks on a background with the Hex color C17338.

# 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](#).

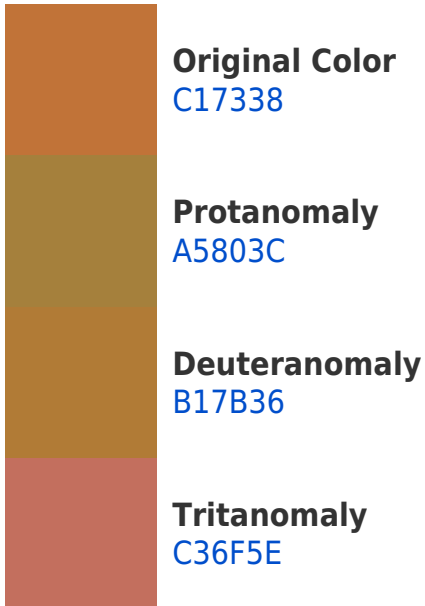
## Dichromacy



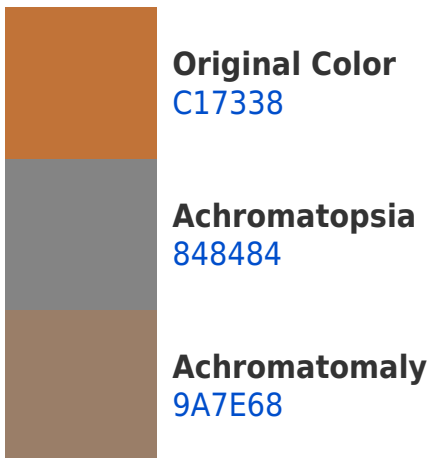


**Tritanopia**  
C46C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C17338 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 #C17338 looks like.

```
.text, #text, p{  
    color:#C17338  
}
```

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 #C17338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C17338
}
```

## Border

The CSS property to change the border of an element to Hex C17338 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
#C17338 }
```

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

```
.border{ border-color:#C17338 }
```

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

Here you see how a box with a 4 pixel #C17338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C17338; -webkit-box-shadow:4px 4px  
4px 4px #C17338; box-shadow:4px 4px 4px  
4px #C17338 }
```

# Background

The CSS property to change the background color of an element to Hex C17338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C17338 }
```

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

```
.background{ background-color:#C17338 }
```

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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