

# Converting Colors

Hex(C38436)

Have a look what the booklet for  
Hex(C38436) contains.

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**Color**

**Hex(C38436)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C38436
RGB	195, 132, 54
RGB Percent	76%, 52%, 21%
CMY	0.2353, 0.4824, 0.7882
CMYK	0.00, 0.32, 0.72, 0.24
HSL	33°, 57%, 49%
HSV	33°, 72%, 76%
XYZ	31.4228, 28.3710, 7.3100
YIQ	141.9450, 62.5860, -10.9020

# Conversions

## Conversions Part 2

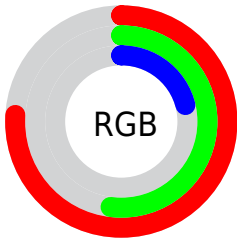
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">168, 195, 54</a>
Decimal	<a href="#">12813366</a>
CIELab	<a href="#">60.22, 17.19, 50.13</a>
CIElCh	<a href="#">60, 52.996, 71.077</a>
Yxy	<a href="#">28.3710, 0.4683, 0.4228</a>
Android (android.graphics.Color)	<a href="#">4291003446 (0xFFC38436)</a>
YUV	<a href="#">141.9450, -43.3569, 46.5292</a>
Hunter-Lab	<a href="#">53.2644, 12.0915, 29.1481</a>

# Details

The Hex color **C38436** 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 **3675C3**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFB969**, and **895200** is the 20% darker color. If you saturate the color by 10%, you get **C37B23**, and if you desaturate by 10%, it is **C38D4A**.

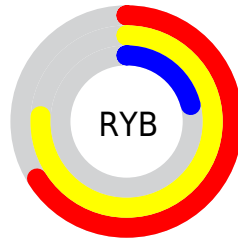
# Distribution



Red (76%)

Green (52%)

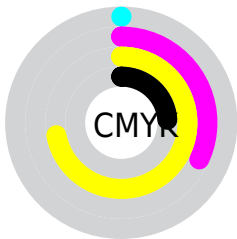
Blue (21%)



Red (66%)

Yellow (76%)

Blue (21%)

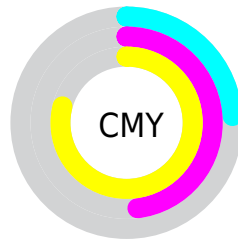


Cyan (0%)

Magenta (32%)

Yellow (72%)

Black (24%)



Cyan (24%)

Magenta (48%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C38436 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 C38436 by changing the saturation by 10% instead.



 C38436

 C38436

FFFFFF

 A66B1C

 FFB969

 895200

 FFD583

 6D3B00

 FFF19E

 512500

 FFFFFB9

 361100

 FFFFFD6

 1F0001

 FFFFFF2

 000000

 C38436

 C38436

 C37B23

 C38D4A

 C3730F

 C3955D

 C36C00

 C39E70

 C3A784

 C3B098

 C3B8AB

 C3C1BE

 C3CAD2

 C3D2E6

# Harmonies

## Analogous

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



DF7256



C38436



9A942E

# Triad

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



C38436



00A8A2



AA7ED8

# Complementary

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



C38436



3675C3

# 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.



5A90ED



C38436



00A6CD

# Square

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



C38436



00A671



009EE9



D76CB1

# Rectangle

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



C38436



7A9C3C



009EE9



9584E1

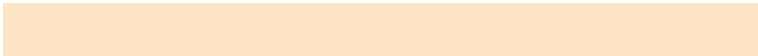


# Sweetspot

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



C38436



FCE4C5



C33675



80715E



000000



808080



# Same Dimension

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



C38436



FC9A21



BCC336



615D57



A15900



211200



# Inverse Universe

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



3675C3



2183FC



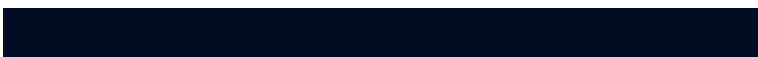
3D36C3



575C61



0048A1

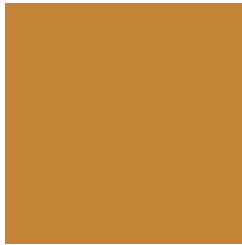


000F21



# Previews

## White Background



This preview shows how the Hex color C38436 looks on a white background.

## Color Contrast Check

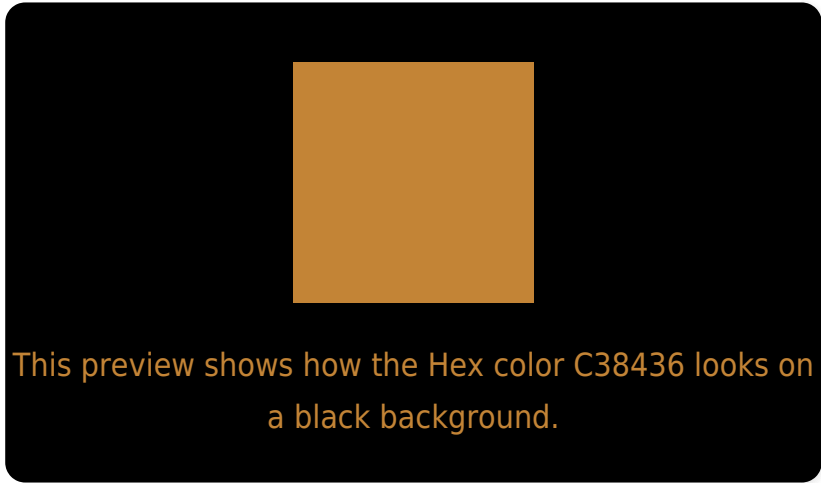
Large Text (above 18pt) WCAG AA ✓ Pass

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

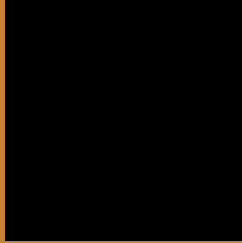
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C38436 Background



This preview shows how black text looks on a background with the Hex color C38436.



This preview shows how white text looks on a background with the Hex color C38436.

# 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**  
C38436

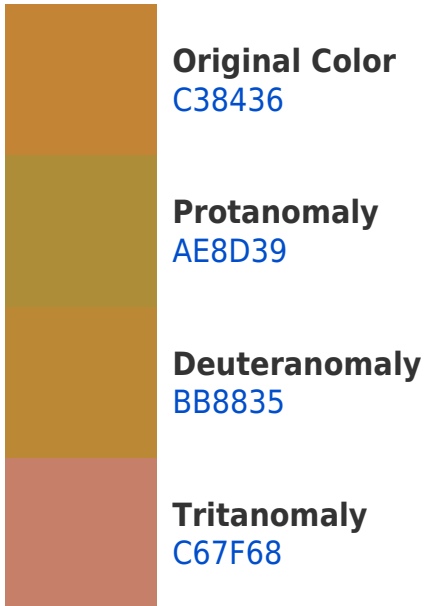
**Protanopia**  
A2923A

**Deuteranopia**  
B68A34

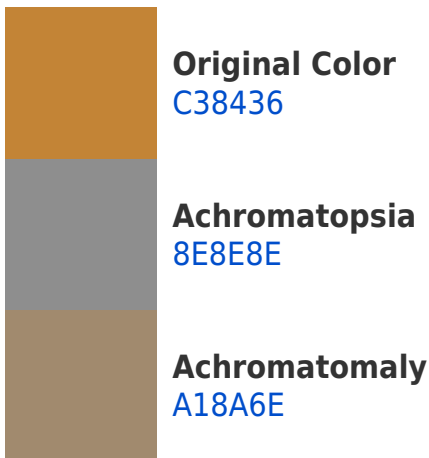


**Tritanopia**  
C87C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C38436 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 #C38436 looks like.

```
.text, #text, p{  
    color:#C38436  
}
```

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 #C38436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C38436
}
```

## Border

The CSS property to change the border of an element to Hex C38436 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
#C38436 }
```

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

```
.border{ border-color:#C38436 }
```

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

Here you see how a box with a 4 pixel #C38436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C38436; -webkit-box-shadow:4px 4px  
4px 4px #C38436; box-shadow:4px 4px 4px  
4px #C38436 }
```

# Background

The CSS property to change the background color of an element to Hex C38436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C38436 }
```

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

```
.background{ background-color:#C38436 }
```

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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