

Converting Colors

Hex(C38800)

Have a look what the booklet for
Hex(C38800) contains.

Hex(C38800)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C38800)

Conversions

Conversions Part 1

Format	Color
Hex	C38800
RGB	195, 136, 0
RGB Percent	76%, 53%, 0%
CMY	0.2353, 0.4667, 1.0000
CMYK	0.00, 0.30, 1.00, 0.24
HSL	42°, 100%, 38%
HSV	42°, 100%, 76%
XYZ	31.3098, 29.2104, 3.9880
YIQ	138.1370, 78.8200, -29.7880

Conversions

Conversions Part 2

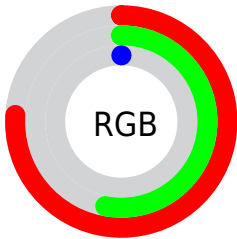
Format	Color
RYB	85, 195, 0
Decimal	12814336
CIELab	60.97, 13.56, 66.28
CIELCh	61, 67.656, 78.436
Yxy	29.2104, 0.4854, 0.4528
Android (android.graphics.Color)	4291004416 (0xFFC38800)
YUV	138.1370, -68.1015, 49.8689
Hunter-Lab	54.0467, 8.8254, 33.4578

Details

The Hex color **C38800** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **003BC3**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFBD47**, and **885600** is the 20% darker color. If you saturate the color by 10%, you get **C38800**, and if you desaturate by 10%, it is **C38E13**.

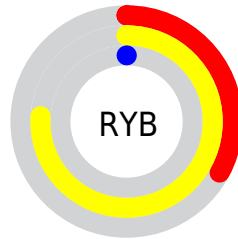
Distribution



Red (76%)

Green (53%)

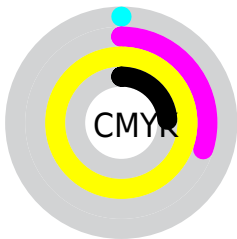
Blue (0%)



Red (33%)

Yellow (76%)

Blue (0%)

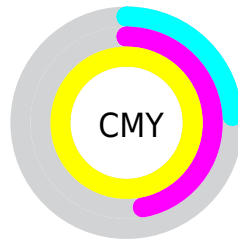


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C38800 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 C38800 by changing the saturation by 10% instead.

 C38800

 C38800

FFFFFF

 A56F00

 FFBD47

 885600

 FFD962

 6B3F00

 FFF57D

 4F2900

 FFFF99

 341500

 FFFFFB5

 1D0000

 FFFFFD2

 000000

 FFFFFEF

 C38800

 C38E13

 C39427

 C39A3B

 C3A04E

 C3A662

 C3AB75

 C3B188

 C3B79C

 C3BDB0

Harmonies

Analogous

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



EB6E3A



C38800



8D9B00

Triad

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



C38800



00AFB7



C372E3

Complementary

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



C38800



003BC3

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.



618DFF



C38800



00ABEC

Square

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



C38800



00AD79



00A1FF



F359AD

Rectangle

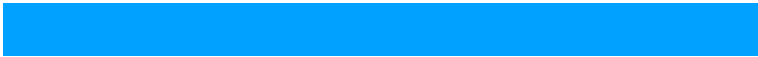
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C38800



5FA42A



00A1FF



AA7BF1

Sweetspot

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



C38800



FCE6B1



C3003E



807252



000000



808080

Same Dimension

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



C38800



FCB000



9FC300



615E57



A17000



211700

Inverse Universe

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



003BC3



004CFC



2400C3



575A61



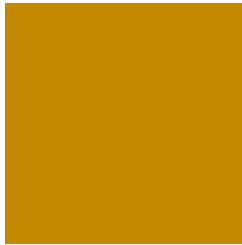
0031A1



000A21

Previews

White Background



This preview shows how the Hex color C38800 looks on a white background.

Color Contrast Check

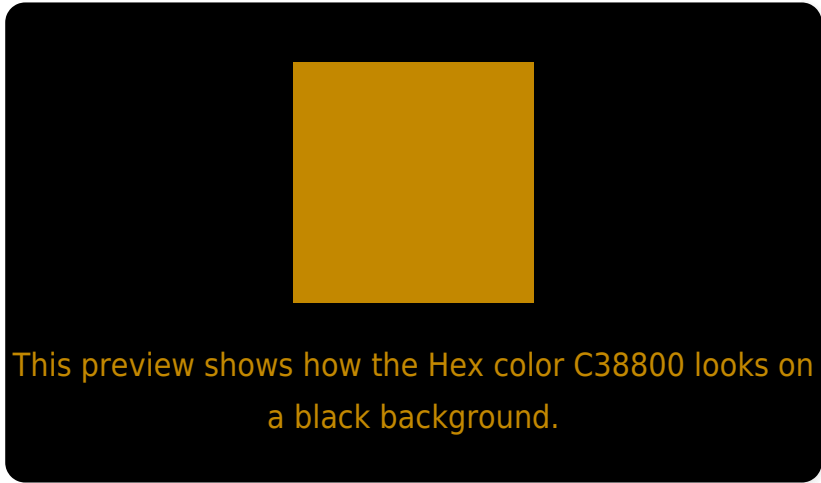
Large Text (above 18pt) WCAG AA ✓ Pass

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 C38800 Background



This preview shows how black text looks on a background with the Hex color C38800.



This preview shows how white text looks on a background with the Hex color C38800.

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
C38800

Protanopia
A6940C

Deuteranopia
BB8C00

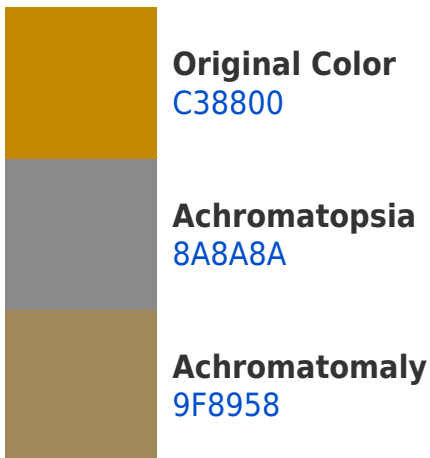


Tritanopia
C97E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C38800 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 #C38800 looks like.

```
.text, #text, p{  
    color:#C38800  
}
```

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 #C38800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C38800
}
```

Border

The CSS property to change the border of an element to Hex C38800 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
#C38800 }
```

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

```
.border{ border-color:#C38800 }
```

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

Here you see how a box with a 4 pixel #C38800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C38800; -webkit-box-shadow:4px 4px  
4px 4px #C38800; box-shadow:4px 4px 4px  
4px #C38800 }
```

Background

The CSS property to change the background color of an element to Hex C38800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C38800 }
```

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

```
.background{ background-color:#C38800 }
```

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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