

Converting Colors

Hex(C38107)

Have a look what the booklet for
Hex(C38107) contains.

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Color

Hex(C38107)

Conversions

Conversions Part 1

Format	Color
Hex	C38107
RGB	195, 129, 7
RGB Percent	76%, 51%, 3%
CMY	0.2353, 0.4941, 0.9725
CMYK	0.00, 0.34, 0.96, 0.24
HSL	39°, 93%, 40%
HSV	39°, 96%, 76%
XYZ	30.3943, 27.3180, 3.8720
YIQ	134.8260, 78.4980, -23.9500

Conversions

Conversions Part 2

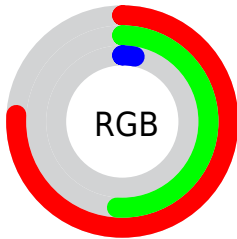
Format	Color
RYB	109, 195, 7
Decimal	12812551
CIELab	59.27, 17.49, 64.00
CIElCh	59, 66.349, 74.717
Yxy	27.3180, 0.4935, 0.4436
Android (android.graphics.Color)	4291002631 (0xFFC38107)
YUV	134.8260, -63.0182, 52.7726
Hunter-Lab	52.2666, 12.3356, 32.1944

Details

The Hex color **C38107** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **0749C3**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FFB648**, and **885000** is the 20% darker color. If you saturate the color by 10%, you get **C37F00**, and if you desaturate by 10%, it is **C3881A**.

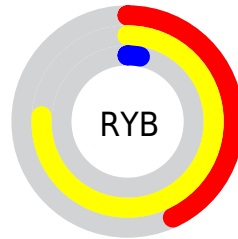
Distribution



Red (76%)

Green (51%)

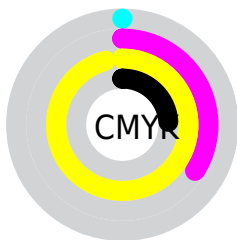
Blue (3%)



Red (43%)

Yellow (76%)

Blue (3%)

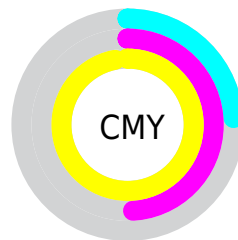


Cyan (0%)

Magenta (34%)

Yellow (96%)

Black (24%)



Cyan (24%)

Magenta (49%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color C38107 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 C38107 by changing the saturation by 10% instead.

 C38107

 C38107

FFFFFF

 A56800

 FFB648

 885000

 FFD163

 6A3900

 FFEE7E

 4E2300

 FFFF9A

 340E00

 FFFFFB6

 1C0001

 FFFFFD2

 000000

 FFFFFEF

 C38107

 C38107

■ C37F00

■ C3881A

■ C38F2E

■ C39642

■ C39C55

■ C3A369

■ C3AA7C

■ C3B190

■ C3B8A3

■ C3BFB7

Harmonies

Analogous

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



E8683E



C38107



909500

Triad

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



C38107



00AAAB



B572E2

Complementary

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



C38107



0749C3

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.



488CFF



C38107



00A7E0

Square

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



C38107



00A86E



009EFF



E858AF

Rectangle

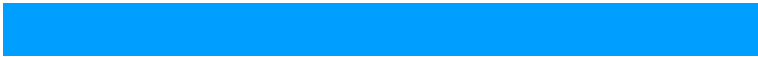
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C38107



659E21



009EFF



9B7BEF

Sweetspot

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



C38107



FCE3B3



C3074C



807053



000000



808080

Same Dimension

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



C38107



FCA400



AAC307



615D57



A16800



211600

Inverse Universe

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



0749C3



0059FC



2007C3



575B61



0038A1



000C21

Previews

White Background



This preview shows how the Hex color C38107 looks on a white background.

Color Contrast Check

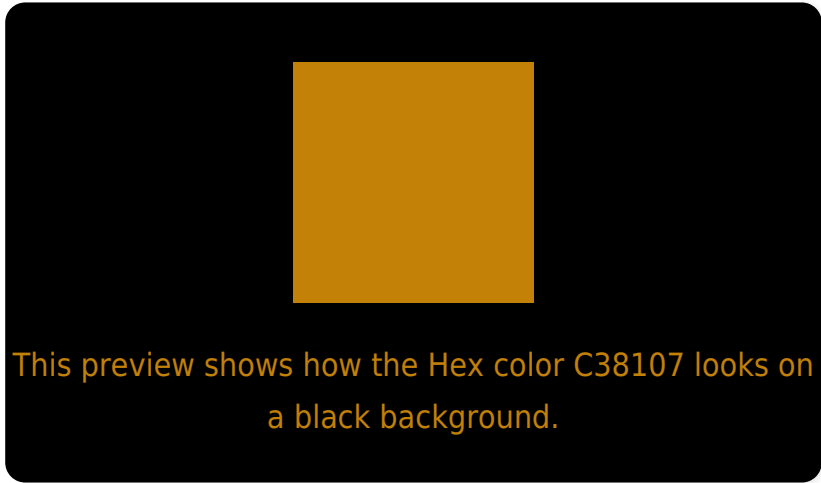
Large Text (above 18pt) WCAG AA ✓ Pass

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 C38107 Background



This preview shows how black text looks on a background with the Hex color C38107.



This preview shows how white text looks on a background with the Hex color C38107.

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
C38107

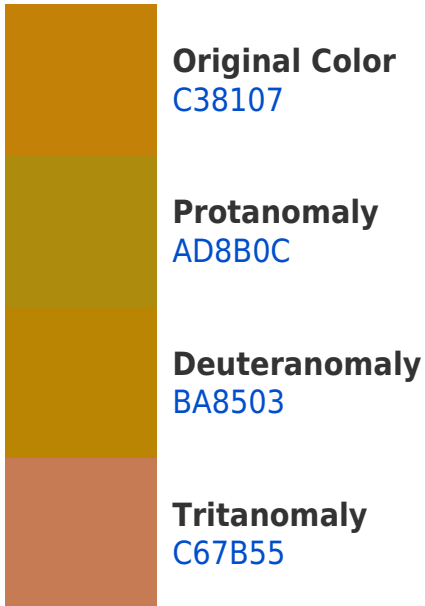
Protanopia
A1900F

Deuteranopia
B58800



Tritanopia
C87881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C38107 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 #C38107 looks like.

```
.text, #text, p{  
    color:#C38107  
}
```

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 #C38107 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C38107
}
```

Border

The CSS property to change the border of an element to Hex C38107 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
#C38107 }
```

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

```
.border{ border-color:#C38107 }
```

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

Here you see how a box with a 4 pixel #C38107 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C38107; -webkit-box-shadow:4px 4px  
4px 4px #C38107; box-shadow:4px 4px 4px  
4px #C38107 }
```

Background

The CSS property to change the background color of an element to Hex C38107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C38107 }
```

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

```
.background{ background-color:#C38107 }
```

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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