

Converting Colors

Hex(C38820)

Have a look what the booklet for
Hex(C38820) contains.

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Color

Hex(C38820)

Conversions

Conversions Part 1

Format	Color
Hex	C38820
RGB	195, 136, 32
RGB Percent	76%, 53%, 13%
CMY	0.2353, 0.4667, 0.8745
CMYK	0.00, 0.30, 0.84, 0.24
HSL	38°, 72%, 45%
HSV	38°, 84%, 76%
XYZ	31.5705, 29.3147, 5.3609
YIQ	141.7850, 68.5480, -19.8360

Conversions

Conversions Part 2

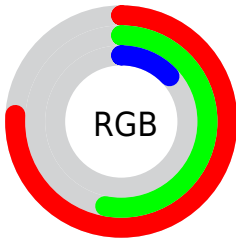
Format	Color
RYB	124, 195, 32
Decimal	12814368
CIELab	61.06, 14.12, 59.56
CIELCh	61, 61.208, 76.658
Yxy	29.3147, 0.4766, 0.4425
Android (android.graphics.Color)	4291004448 (0xFFC38820)
YUV	141.7850, -54.1240, 46.6696
Hunter-Lab	54.1431, 9.3321, 32.0297

Details

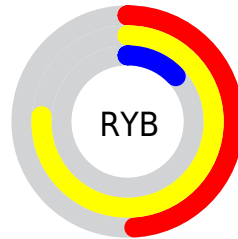
The Hex color **C38820** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **205BC3**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFBD57**, and **885600** is the 20% darker color. If you saturate the color by 10%, you get **C3810C**, and if you desaturate by 10%, it is **C38F33**.

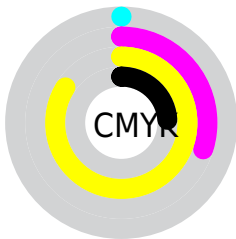
Distribution



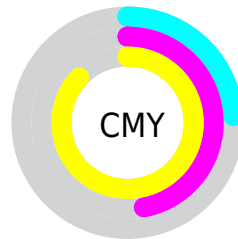
- Red (76%)
- Green (53%)
- Blue (13%)



- Red (49%)
- Yellow (76%)
- Blue (13%)



- Cyan (0%)
- Magenta (30%)
- Yellow (84%)
- Black (24%)



- Cyan (24%)
- Magenta (47%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color C38820 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 C38820 by changing the saturation by 10% instead.

 C38820

 C38820

FFFFFF

 A56F00

 FFBD57

 885600

 FFD971

 6C3F00

 FFF58C

 502900

 FFFFFA8

 351500

 FFFFC4

 1E0000

 FFFFFE1

 000000

FFFFFFE

 C38820

 C38820

 C3810C

 C38F33

 C37C00

 C39647

 C39D5B

 C3A46E

 C3AB82

 C3B295

 C3B9A9

 C3C0BC

 C3C8CF

Harmonies

Analogous

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



E67246



C38820



929A1D

Triad

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



C38820



00ADB1



BC78DE

Complementary

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



C38820



205BC3

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.



648FFB



C38820



00AAE1

Square

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



C38820



00AC79



00A0FD



E963AE

Rectangle

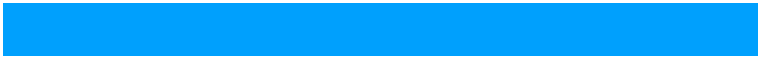
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C38820



6BA235



00A0FD



A580EB

Sweetspot

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



C38820



FCE6BD



C3205C



807259



000000



808080

Same Dimension

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



C38820



FCA100



ADC320



615D57



A16700



211500

Inverse Universe

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



205BC3



005BFC



3620C3



575B61



003AA1



000C21

Previews

White Background



This preview shows how the Hex color C38820 looks on a white background.

Color Contrast Check

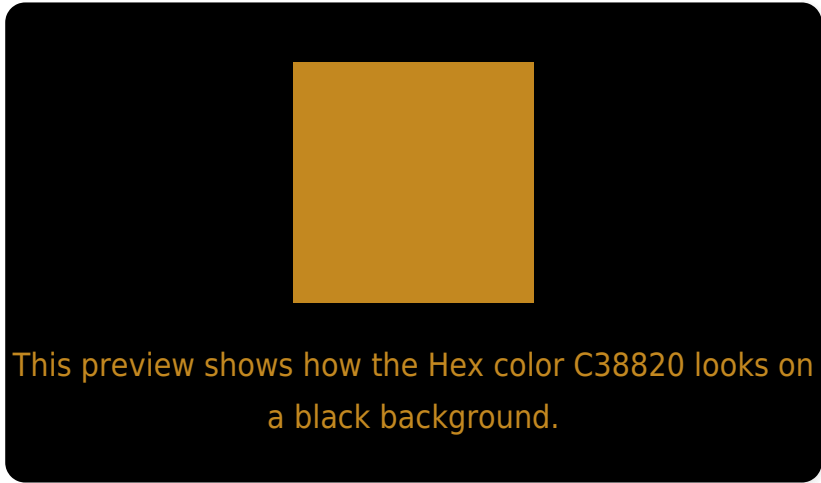
Large Text (above 18pt) WCAG AA ✓ Pass

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 C38820 Background



This preview shows how black text looks on a background with the Hex color C38820.



This preview shows how white text looks on a background with the Hex color C38820.

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
C38820

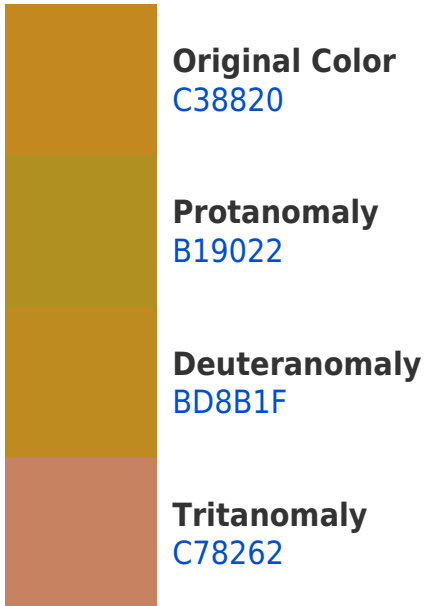
Protanopia
A69423

Deuteranopia
BA8C1E



Tritanopia
C97F88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C38820 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 #C38820 looks like.

```
.text, #text, p{  
    color:#C38820  
}
```

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 #C38820 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C38820
}
```

Border

The CSS property to change the border of an element to Hex C38820 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
#C38820 }
```

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

```
.border{ border-color:#C38820 }
```

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

Here you see how a box with a 4 pixel #C38820 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C38820; -webkit-box-shadow:4px 4px  
4px 4px #C38820; box-shadow:4px 4px 4px  
4px #C38820 }
```

Background

The CSS property to change the background color of an element to Hex C38820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C38820 }
```

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

```
.background{ background-color:#C38820 }
```

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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