

Converting Colors

Hex(C58311)

Have a look what the booklet for
Hex(C58311) contains.

Hex(C58311)	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(C58311)

Conversions

Conversions Part 1

Format	Color
Hex	C58311
RGB	197, 131, 17
RGB Percent	77%, 51%, 7%
CMY	0.2275, 0.4863, 0.9333
CMYK	0.00, 0.34, 0.91, 0.23
HSL	38°, 84%, 42%
HSV	38°, 91%, 77%
XYZ	31.2434, 28.1434, 4.3158
YIQ	137.7380, 75.9300, -21.4620

Conversions

Conversions Part 2

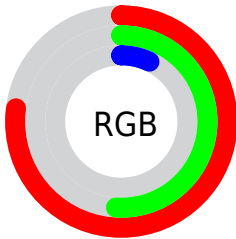
Format	Color
RYB	121, 197, 17
Decimal	12944145
CIELab	60.02, 17.41, 62.87
CIElCh	60, 65.239, 74.524
Yxy	28.1434, 0.4905, 0.4418
Android (android.graphics.Color)	4291134225 (0xFFC58311)
YUV	137.7380, -59.5238, 51.9728
Hunter-Lab	53.0503, 12.2876, 32.3118

Details

The Hex color **C58311** 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 **1153C5**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFB84D**, and **8A5200** is the 20% darker color. If you saturate the color by 10%, you get **C57D00**, and if you desaturate by 10%, it is **C58A25**.

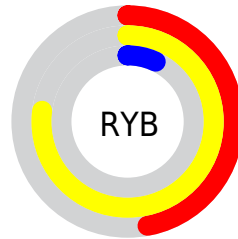
Distribution



Red (77%)

Green (51%)

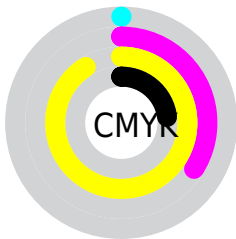
Blue (7%)



Red (47%)

Yellow (77%)

Blue (7%)

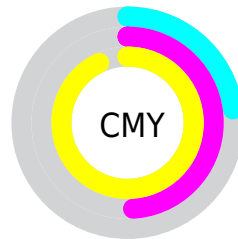


Cyan (0%)

Magenta (34%)

Yellow (91%)

Black (23%)



Cyan (23%)

Magenta (49%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color C58311 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 C58311 by changing the saturation by 10% instead.

 C58311

 C58311

FFFFFF

 A76A00

 FFB84D

 8A5200

 FFD468

 6D3B00

 FFF083

 502500

 FFFF9E

 351000

 FFFFBA

 1F0001

 FFFFFD7

 000000

 FFFFF4

 C58311

 C58311

 C57D00

 C58A25

 C59138

 C5994C

 C5A060

 C5A774

 C5AE87

 C5B69B

 C5BDAF

 C5C4C2

Harmonies

Analogous

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



E96A42



C58311



929701

Triad

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



C58311



00ABAC



B674E3

Complementary

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



C58311



1153C5

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.



4D8EFF



C58311



00A9E0

Square

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



C58311



00AA70



009FFF



E95CB1

Rectangle

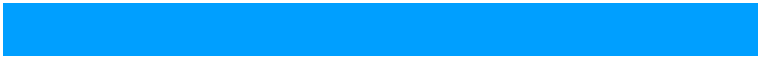
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C58311



69A026



009FFF



9C7DF0

Sweetspot

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



C58311



FFE6BA



C51153



807157



000000



808080

Same Dimension

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



C58311



FFA200



ADC511



63605A



A36700



241700

Inverse Universe

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



1153C5



005EFF



2911C5



5A5D63



003CA3



000D24

Previews

White Background



This preview shows how the Hex color C58311 looks on a white background.

Color Contrast Check

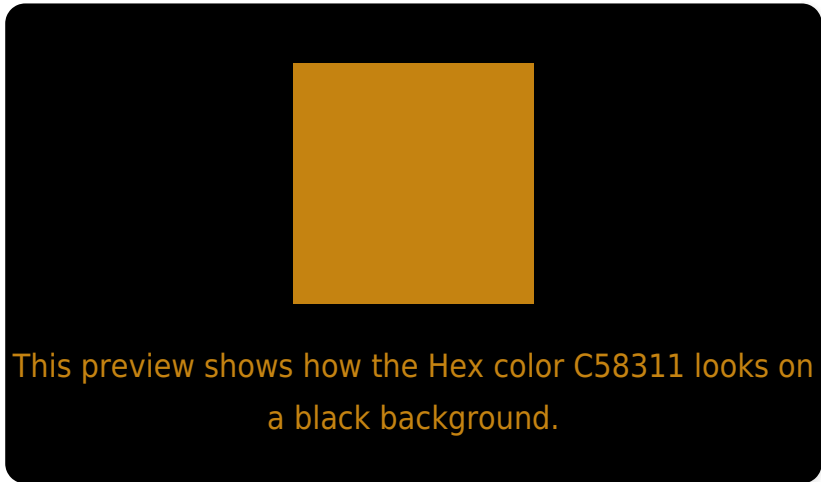
Large Text (above 18pt) WCAG AA ✓ Pass

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 C58311 Background



This preview shows how black text looks on a background with the Hex color C58311.



This preview shows how white text looks on a background with the Hex color C58311.

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
C58311

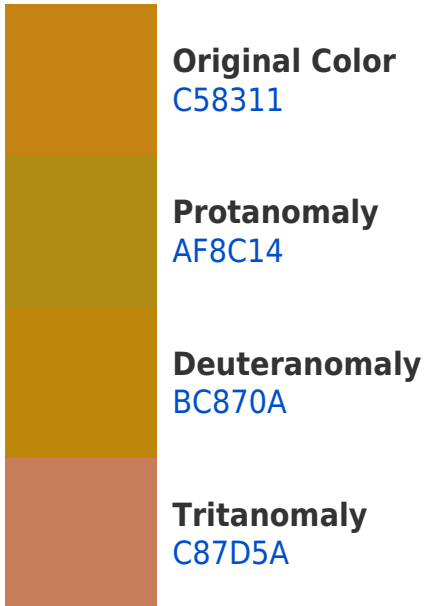
Protanopia
A39116

Deuteranopia
B78A06

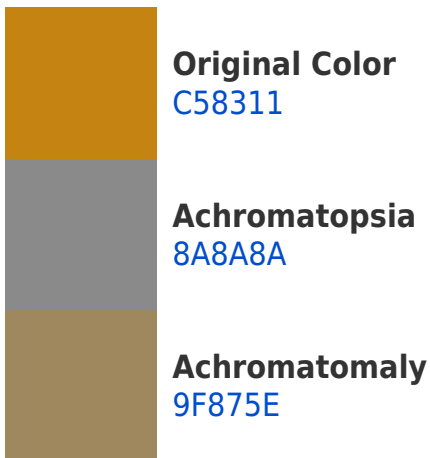


Tritanopia
CA7A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C58311 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 #C58311 looks like.

```
.text, #text, p{  
    color:#C58311  
}
```

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 #C58311 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C58311
}
```

Border

The CSS property to change the border of an element to Hex C58311 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
#C58311 }
```

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

```
.border{ border-color:#C58311 }
```

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

Here you see how a box with a 4 pixel #C58311 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C58311; -webkit-box-shadow:4px 4px  
4px 4px #C58311; box-shadow:4px 4px 4px  
4px #C58311 }
```

Background

The CSS property to change the background color of an element to Hex C58311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C58311 }
```

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

```
.background{ background-color:#C58311 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor