

# Converting Colors

Hex(C89311)

Have a look what the booklet for  
Hex(C89311) contains.

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**Color**

**Hex(C89311)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C89311
RGB	200, 147, 17
RGB Percent	78%, 58%, 7%
CMY	0.2157, 0.4235, 0.9333
CMYK	0.00, 0.27, 0.92, 0.22
HSL	43°, 84%, 43%
HSV	43°, 92%, 78%
XYZ	34.3543, 33.1873, 5.1254
YIQ	148.0270, 73.3180, -29.1940

# Conversions

## Conversions Part 2

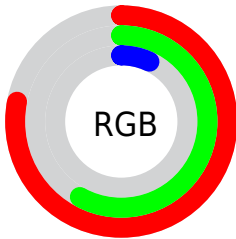
Format	Color
R <sub>Y</sub> B	92, 200, 17
Decimal	13144849
CIE Lab	64.31, 9.99, 66.26
CIE LCh	64, 67.005, 81.424
Yxy	33.1873, 0.4728, 0.4567
Android (android.graphics.Color)	4291334929 (0xFFC89311)
YUV	148.0270, -64.5963, 45.5803
Hunter-Lab	57.6084, 5.6324, 35.0508

# Details

The Hex color **C89311** 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 **1146C8**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFC950**, and **8D6100** is the 20% darker color. If you saturate the color by 10%, you get **C88E00**, and if you desaturate by 10%, it is **C89925**.

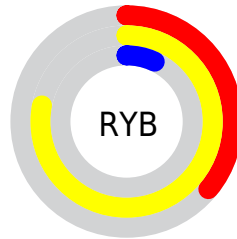
# Distribution



Red (78%)

Green (58%)

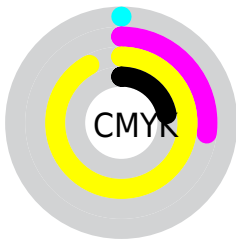
Blue (7%)



Red (36%)

Yellow (78%)

Blue (7%)

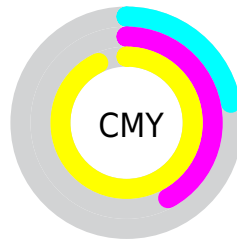


Cyan (0%)

Magenta (27%)

Yellow (92%)

Black (22%)



Cyan (22%)

Magenta (42%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C89311 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 C89311 by changing the saturation by 10% instead.



 C89311

 C89311

FFFFFF

 AA7900

 FFC950

 8D6100

 FFE56B

 704900

 FFFF86

 543300

 FFFFA2

 391E00

 FFFFBE

 210700

 FFFFDB

 000000

 FFFFF8

 C89311

 C89311

 C88E00

 C89925

 C89F39

 C8A44D

 C8AA61

 C8B075

 C8B689

 C8BC9D

 C8C1B1

 C8C7C5

# Harmonies

## Analogous

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



F27A3E



C89311



90A619

# Triad

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



C89311



00B8C6



D378E7

# Complementary

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



C89311



1146C8

# 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.



7A93FF



C89311



00B4F9

# Square

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



C89311



00B788



00A8FF



FF63B0

# Rectangle

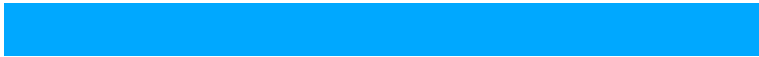
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C89311



62AE3A



00A8FF



BC82F6

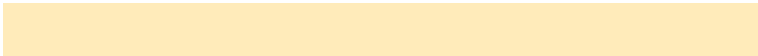


# Sweetspot

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



C89311



FFECCA



C81148



807457



000000



808080



# Same Dimension

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



C89311



FFB500



A3C811



63615A



A37400



241900



# Inverse Universe

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



1146C8



004AFF



3611C8



5A5C63



002FA3



000A24



# Previews

## White Background



This preview shows how the Hex color C89311 looks on a white background.

## Color Contrast Check

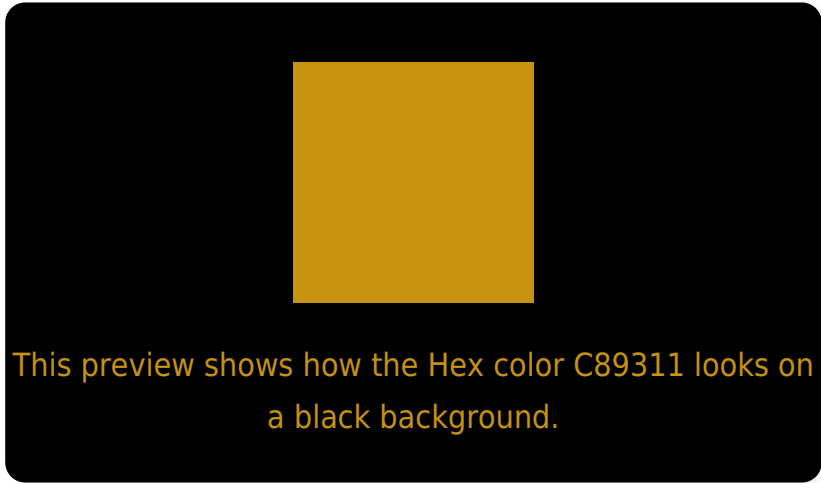
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex C89311 Background



This preview shows how black text looks on a background with the Hex color C89311.



This preview shows how white text looks on a background with the Hex color C89311.

# 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**  
C89311

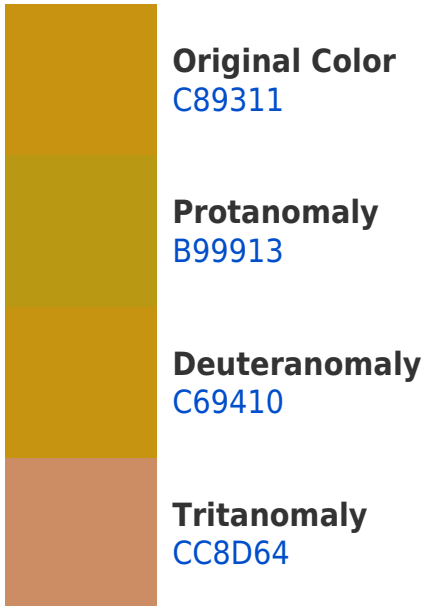
**Protanopia**  
B09D14

**Deuteranopia**  
C59410



**Tritanopia**  
CF8993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C89311 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 #C89311 looks like.

```
.text, #text, p{  
    color:#C89311  
}
```

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 #C89311 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C89311
}
```

## Border

The CSS property to change the border of an element to Hex C89311 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
#C89311 }
```

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

```
.border{ border-color:#C89311 }
```

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

Here you see how a box with a 4 pixel #C89311 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C89311; -webkit-box-shadow:4px 4px  
4px 4px #C89311; box-shadow:4px 4px 4px  
4px #C89311 }
```

# Background

The CSS property to change the background color of an element to Hex C89311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C89311 }
```

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

```
.background{ background-color:#C89311 }
```

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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