

Converting Colors

Hex(C47311)

Have a look what the booklet for
Hex(C47311) contains.

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Color

Hex(C47311)

Conversions

Conversions Part 1

Format	Color
Hex	C47311
RGB	196, 115, 17
RGB Percent	77%, 45%, 7%
CMY	0.2314, 0.5490, 0.9333
CMYK	0.00, 0.41, 0.91, 0.23
HSL	33°, 84%, 42%
HSV	33°, 91%, 77%
XYZ	28.9969, 24.0377, 3.6418
YIQ	128.0470, 79.7340, -13.3060

Conversions

Conversions Part 2

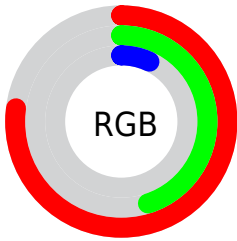
Format	Color
RYB	165, 196, 17
Decimal	12874513
CIELab	56.13, 25.71, 59.92
CIElCh	56, 65.198, 66.776
Yxy	24.0377, 0.5116, 0.4241
Android (android.graphics.Color)	4291064593 (0xFFC47311)
YUV	128.0470, -54.7462, 59.5948
Hunter-Lab	49.0283, 19.7711, 29.9158

Details

The Hex color **C47311** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1162C4**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FFA74A**, and **884200** is the 20% darker color. If you saturate the color by 10%, you get **C46B00**, and if you desaturate by 10%, it is **C47C25**.

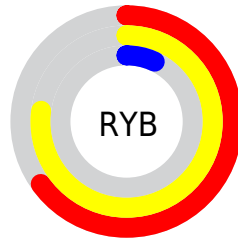
Distribution



Red (77%)

Green (45%)

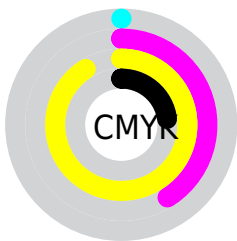
Blue (7%)



Red (65%)

Yellow (77%)

Blue (7%)

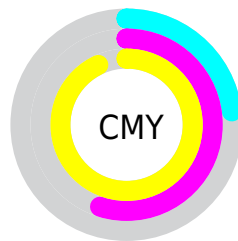


Cyan (0%)

Magenta (41%)

Yellow (91%)

Black (23%)



Cyan (23%)

Magenta (55%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color C47311 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 C47311 by changing the saturation by 10% instead.

 C47311

 C47311

FFFFFF

 A65A00

 FFA74A

 884200

 FFC365

 6B2B00

 FFDF7F

 4E1400

 FFFB9A

 330000

 FFFFFB6

 140000

 FFFFFD2

 000000

 FFFFFEF

 C47311

 C47311

 C46B00

 C47C25

 C48538

 C48E4C

 C4965F

 C49F73

 C4A887

 C4B19A

 C4BAAE

 C4C3C1

Harmonies

Analogous

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



E35A46



C47311



968800

Triad

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



C47311



00A192



9871E2

Complementary

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



C47311



1162C4

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.



0089F8



C47311



009FC9

Square

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



C47311



009E57



0098EF



D457B4

Rectangle

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



C47311



709207



0098EF



787AED

Sweetspot

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



C47311



FFE0BA



C41165



806D57



000000



808080

Same Dimension

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



C47311



FF8C00



BEC411



615D57



A15800



211200

Inverse Universe

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



1162C4



0073FF



1711C4



575C61



0049A1



000F21

Previews

White Background



This preview shows how the Hex color C47311 looks on a white background.

Color Contrast Check

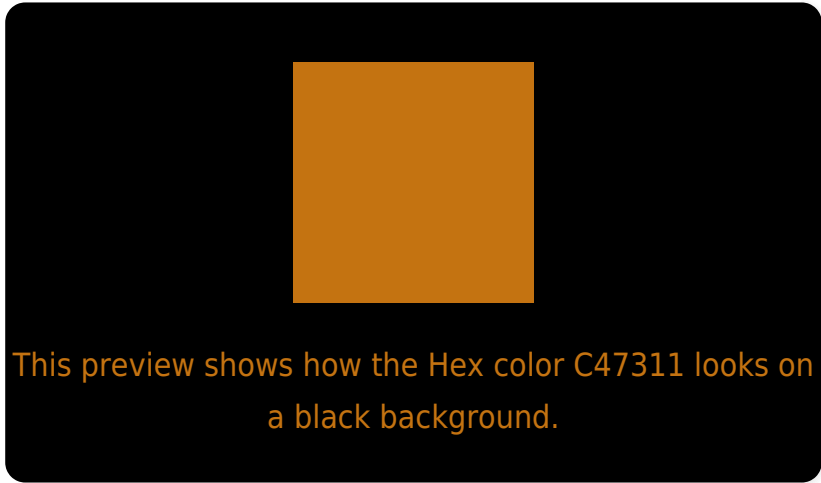
Large Text (above 18pt) WCAG AA ✓ Pass

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 C47311 Background



This preview shows how black text looks on a background with the Hex color C47311.



This preview shows how white text looks on a background with the Hex color C47311.

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
C47311

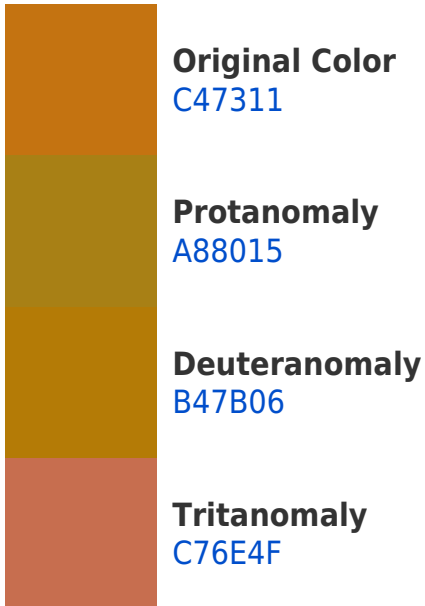
Protanopia
988717

Deuteranopia
AB8000

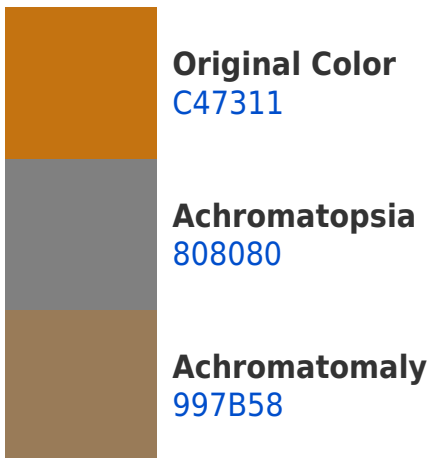


Tritanopia
C86B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C47311 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 #C47311 looks like.

```
.text, #text, p{  
    color:#C47311  
}
```

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 #C47311 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C47311
}
```

Border

The CSS property to change the border of an element to Hex C47311 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
#C47311 }
```

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

```
.border{ border-color:#C47311 }
```

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

Here you see how a box with a 4 pixel #C47311 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C47311; -webkit-box-shadow:4px 4px  
4px 4px #C47311; box-shadow:4px 4px 4px  
4px #C47311 }
```

Background

The CSS property to change the background color of an element to Hex C47311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C47311 }
```

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

```
.background{ background-color:#C47311 }
```

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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