

Converting Colors

Hex(C29300)

Have a look what the booklet for
Hex(C29300) contains.

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Color

Hex(C29300)

Conversions

Conversions Part 1

Format	Color
Hex	C29300
RGB	194, 147, 0
RGB Percent	76%, 58%, 0%
CMY	0.2392, 0.4235, 1.0000
CMYK	0.00, 0.24, 1.00, 0.24
HSL	45°, 100%, 38%
HSV	45°, 100%, 76%
XYZ	32.6819, 32.3368, 4.5191
YIQ	144.2950, 75.1990, -35.7530

Conversions

Conversions Part 2

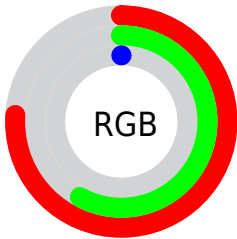
Format	Color
RYB	62, 194, 0
Decimal	12751616
CIELab	63.62, 7.10, 68.03
CIELCh	64, 68.400, 84.044
Yxy	32.3368, 0.4700, 0.4650
Android (android.graphics.Color)	4290941696 (0xFFC29300)
YUV	144.2950, -71.1374, 43.5913
Hunter-Lab	56.8654, 3.0735, 35.0940

Details

The Hex color **C29300** 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 **002FC2**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFC949**, and **876100** is the 20% darker color. If you saturate the color by 10%, you get **C29300**, and if you desaturate by 10%, it is **C29813**.

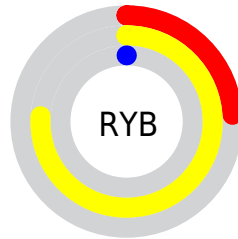
Distribution



Red (76%)

Green (58%)

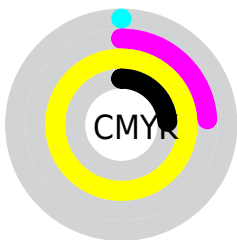
Blue (0%)



Red (24%)

Yellow (76%)

Blue (0%)

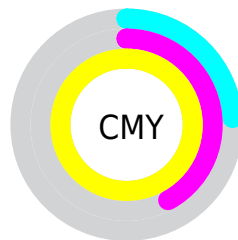


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C29300 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 C29300 by changing the saturation by 10% instead.

 C29300

 C29300

FFFFFF

 A47900

 FFC949

 876100

 FFE565

 6A4900

 FFFF80

 4F3300

 FFFF9C

 341E00

 FFFFFB8

 1C0700

 FFFFFD5

 000000

 FFFFFF2

 C29300

 C29813

 C29C27

 C2A13A

 C2A64E

 C2AB61

 C2AF74

 C2B488

 C2B99B

 C2BDAF

Harmonies

Analogous

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



EE7A36



C29300



88A515

Triad

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



C29300



00B6CA



D873E3

Complementary

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



C29300



002FC2

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.



818FFF



C29300



00B1FC

Square

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



C29300



00B68C



00A5FF



FF5EA9

Rectangle

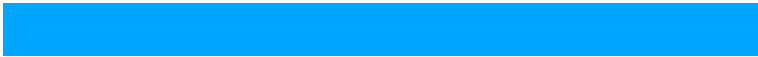
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C29300



56AD3B



00A5FF



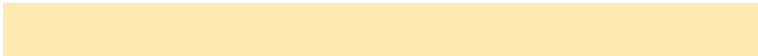
C17DF2

Sweetspot

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



C29300



FCEAB1



C20031



807452



000000



808080

Same Dimension

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



C29300



FCBF00



92C200



615F57



A17A00



211900

Inverse Universe

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



002FC2



003DFC



3100C2



575A61



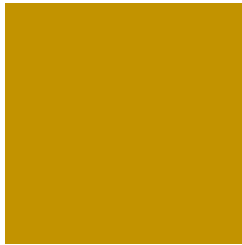
0027A1



000821

Previews

White Background



This preview shows how the Hex color C29300 looks on a white background.

Color Contrast Check

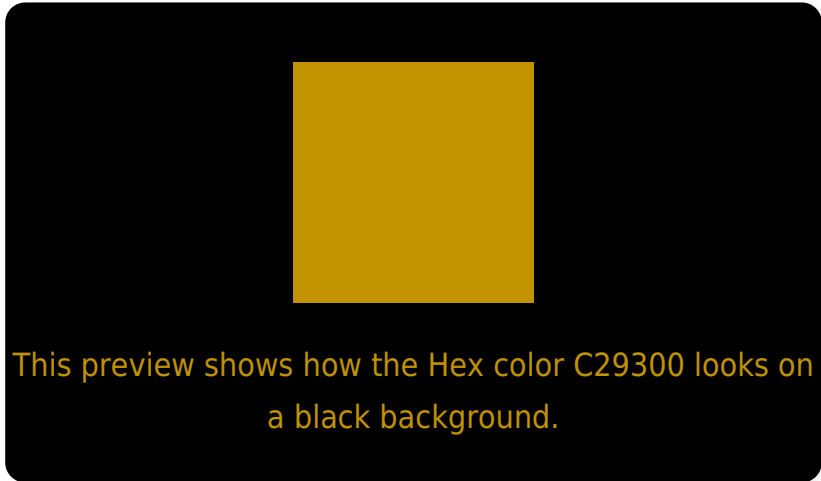
Large Text (above 18pt) WCAG AA × Fail

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 C29300 Background



This preview shows how black text looks on a background with the Hex color C29300.



This preview shows how white text looks on a background with the Hex color C29300.

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](#).

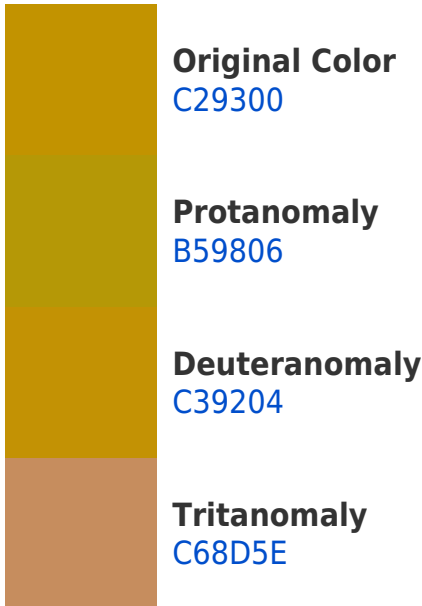
Dichromacy





Tritanopia
C98993

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C29300 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 #C29300 looks like.

```
.text, #text, p{  
    color:#C29300  
}
```

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 #C29300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C29300
}
```

Border

The CSS property to change the border of an element to Hex C29300 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
#C29300 }
```

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

```
.border{ border-color:#C29300 }
```

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

Here you see how a box with a 4 pixel #C29300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C29300; -webkit-box-shadow:4px 4px  
4px 4px #C29300; box-shadow:4px 4px 4px  
4px #C29300 }
```

Background

The CSS property to change the background color of an element to Hex C29300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C29300 }
```

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

```
.background{ background-color:#C29300 }
```

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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