

Converting Colors

Hex(C28414)

Have a look what the booklet for
Hex(C28414) contains.

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Color

Hex(C28414)

Conversions

Conversions Part 1

Format	Color
Hex	C28414
RGB	194, 132, 20
RGB Percent	76%, 52%, 8%
CMY	0.2392, 0.4824, 0.9216
CMYK	0.00, 0.32, 0.90, 0.24
HSL	39°, 81%, 42%
HSV	39°, 90%, 76%
XYZ	30.6257, 28.0224, 4.4565
YIQ	137.7700, 72.9040, -21.6880

Conversions

Conversions Part 2

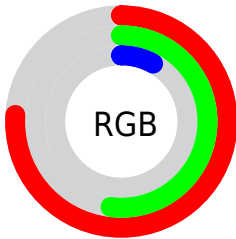
Format	Color
RYB	116, 194, 20
Decimal	12747796
CIELab	59.91, 15.59, 61.95
CIElCh	60, 63.884, 75.876
Yxy	28.0224, 0.4853, 0.4441
Android (android.graphics.Color)	4290937876 (0xFFC28414)
YUV	137.7700, -58.0606, 49.3137
Hunter-Lab	52.9362, 10.6310, 32.0639

Details

The Hex color **C28414** 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 **1452C2**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFB94F**, and **875300** is the 20% darker color. If you saturate the color by 10%, you get **C27D01**, and if you desaturate by 10%, it is **C28B27**.

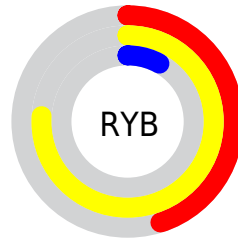
Distribution



Red (76%)

Green (52%)

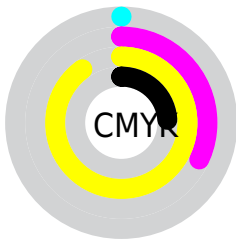
Blue (8%)



Red (45%)

Yellow (76%)

Blue (8%)

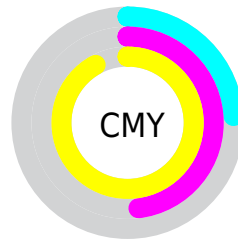


Cyan (0%)

Magenta (32%)

Yellow (90%)

Black (24%)



Cyan (24%)

Magenta (48%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color C28414 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 C28414 by changing the saturation by 10% instead.

 C28414

 C28414

FFFFFF

 A46B00

 FFB94F

 875300

 FFD569

 6A3C00

 FFF184

 4E2600

 FFFFFA0

 331100

 FFFFBC

 1D0001

 FFFFFD8

 000000

 FFFFF5

 C28414

 C28414

 C27D01

 C28B27

 C27D00

 C2923B

 C2994E

 C2A062

 C2A775

 C2AD88

 C2B49C

 C2BBAF

 C2C2C3

Harmonies

Analogous

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



E66C41



C28414



90970C

Triad

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



C28414



00ABAD



B974DF

Complementary

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



C28414



1452C2

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.



578CFD



C28414



00A8E0

Square

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



C28414



00A973



009EFE



E85DAD

Rectangle

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



C28414



67A02B



009EFE



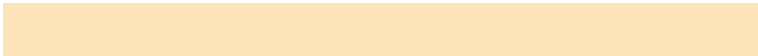
A07CEC

Sweetspot

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



C28414



FCE4B8



C21454



807157



000000



808080

Same Dimension

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



C28414



FCA200



ABC214



615D57



A16700



211500

Inverse Universe

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



1452C2



005AFC



2B14C2



575B61



0039A1



000C21

Previews

White Background



This preview shows how the Hex color C28414 looks on a white background.

Color Contrast Check

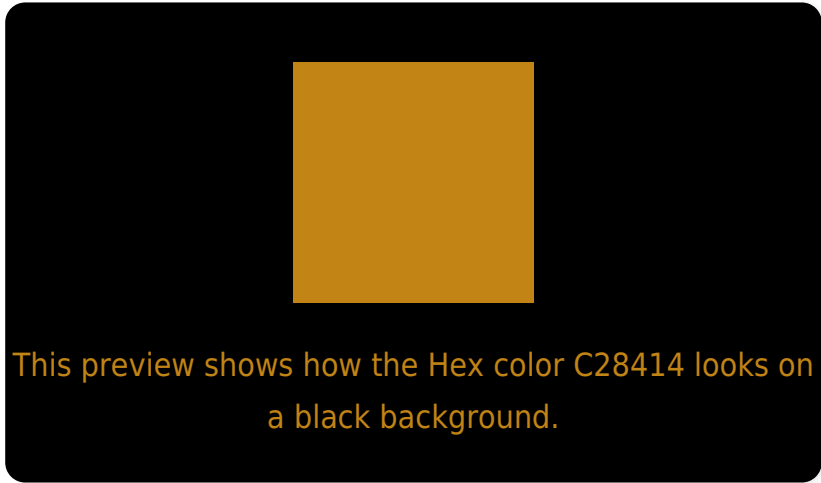
Large Text (above 18pt) WCAG AA ✓ Pass

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 C28414 Background



This preview shows how black text looks on a background with the Hex color C28414.



This preview shows how white text looks on a background with the Hex color C28414.

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
C28414

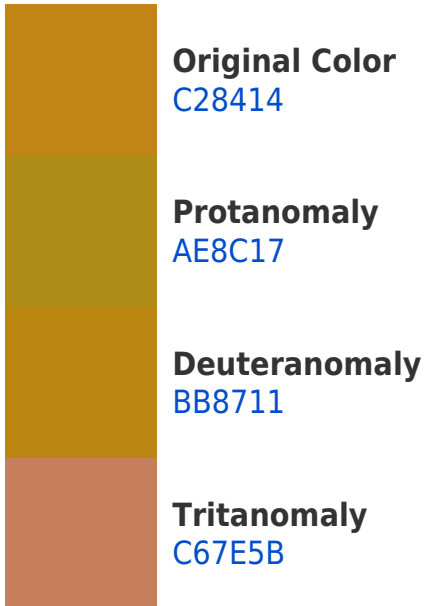
Protanopia
A39118

Deuteranopia
B7890F

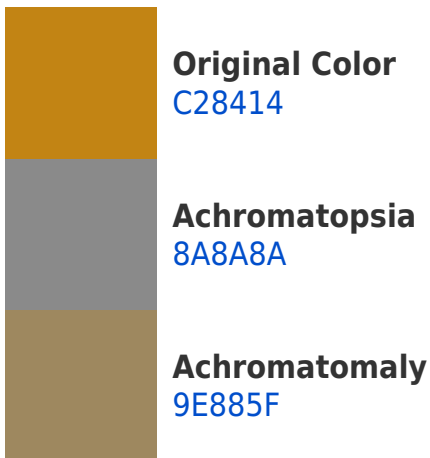


Tritanopia
C87B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C28414 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 #C28414 looks like.

```
.text, #text, p{  
    color:#C28414  
}
```

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 #C28414 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C28414
}
```

Border

The CSS property to change the border of an element to Hex C28414 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
#C28414 }
```

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

```
.border{ border-color:#C28414 }
```

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

Here you see how a box with a 4 pixel #C28414 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C28414; -webkit-box-shadow:4px 4px  
4px 4px #C28414; box-shadow:4px 4px 4px  
4px #C28414 }
```

Background

The CSS property to change the background color of an element to Hex C28414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C28414 }
```

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

```
.background{ background-color:#C28414 }
```

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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