

Converting Colors

Hex(C28B03)

Have a look what the booklet for
Hex(C28B03) contains.

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Color

Hex(C28B03)

Conversions

Conversions Part 1

Format	Color
Hex	C28B03
RGB	194, 139, 3
RGB Percent	76%, 55%, 1%
CMY	0.2392, 0.4549, 0.9882
CMYK	0.00, 0.28, 0.98, 0.24
HSL	43°, 97%, 39%
HSV	43°, 98%, 76%
XYZ	31.4972, 29.9411, 4.2053
YIQ	139.9410, 76.4360, -30.6360

Conversions

Conversions Part 2

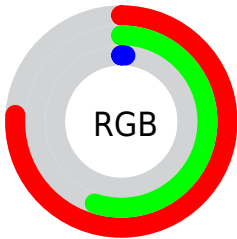
Format	Color
R_{YB}	80, 194, 3
Decimal	12749571
CIE Lab	61.60, 11.51, 66.19
CIE LCh	62, 67.187, 80.139
Yxy	29.9411, 0.4798, 0.4561
Android (android.graphics.Color)	4290939651 (0xFFC28B03)
YUV	139.9410, -67.5119, 47.4097
Hunter-Lab	54.7185, 6.9912, 33.7463

Details

The Hex color **C28B03** 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 **033AC2**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFC049**, and **875900** is the 20% darker color. If you saturate the color by 10%, you get **C28A00**, and if you desaturate by 10%, it is **C29116**.

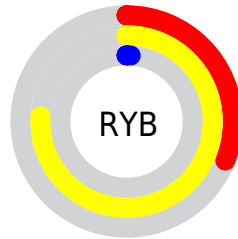
Distribution



Red (76%)

Green (55%)

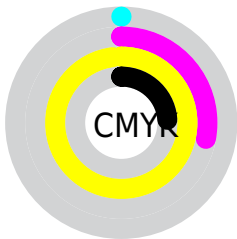
Blue (1%)



Red (31%)

Yellow (76%)

Blue (1%)

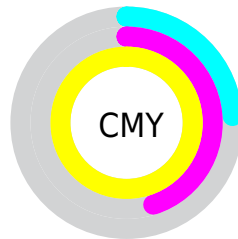


Cyan (0%)

Magenta (28%)

Yellow (98%)

Black (24%)



Cyan (24%)

Magenta (45%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color C28B03 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 C28B03 by changing the saturation by 10% instead.

 C28B03

 C28B03

FFFFFF

 A47200

 FFC049

 875900

 FFDC64

 6A4200

 FFF87F

 4E2C00

 FFFF9B

 341800

 FFFFFB7

 1C0000

 FFFFFD4

 000000

 FFFFFF1

 C28B03

 C28B03

■ C28A00

■ C29116

■ C2962A

■ C29C3D

■ C2A151

■ C2A764

■ C2AD77

■ C2B28B

■ C2B89E

■ C2BDB2

Harmonies

Analogous

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



EB723A



C28B03



8B9E09

Triad

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



C28B03



00B0BC



C972E2

Complementary

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



C28B03



033AC2

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.



6C8DFF



C28B03



00ADEF

Square

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



C28B03



00AF7E



00A1FF



F55BAB

Rectangle

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



C28B03



5DA630



00A1FF



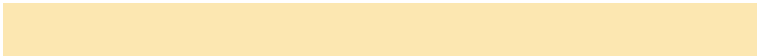
B17CF0

Sweetspot

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



C28B03



FCE7B1



C2033C



807252



000000



808080

Same Dimension

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



C28B03



FCB400



9CC203



615E57



A17200



211800

Inverse Universe

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



033AC2



0049FC



2903C2



575A61



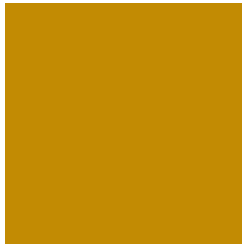
002EA1



000A21

Previews

White Background



This preview shows how the Hex color C28B03 looks on a white background.

Color Contrast Check

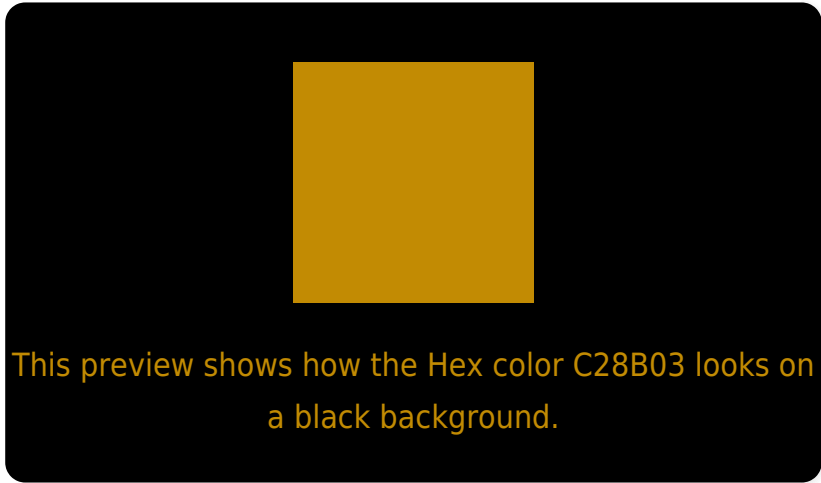
Large Text (above 18pt) WCAG AA ✓ Pass

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 C28B03 Background



This preview shows how black text looks on a background with the Hex color C28B03.



This preview shows how white text looks on a background with the Hex color C28B03.

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
C28B03

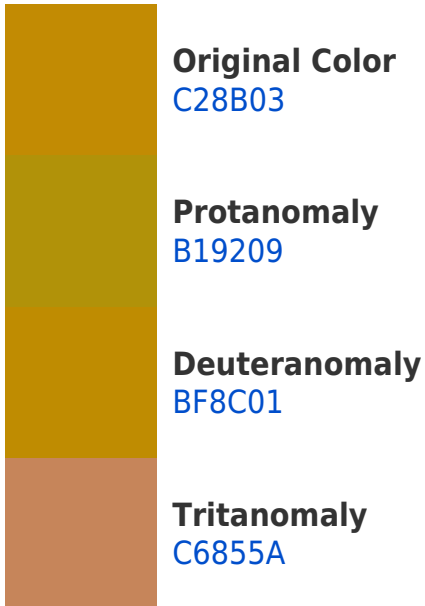
Protanopia
A8960C

Deuteranopia
BD8D00



Tritanopia
C8818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C28B03 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 #C28B03 looks like.

```
.text, #text, p{  
    color:#C28B03  
}
```

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 #C28B03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C28B03
}
```

Border

The CSS property to change the border of an element to Hex C28B03 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
#C28B03 }
```

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

```
.border{ border-color:#C28B03 }
```

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

Here you see how a box with a 4 pixel #C28B03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C28B03; -webkit-box-shadow:4px 4px  
4px 4px #C28B03; box-shadow:4px 4px 4px  
4px #C28B03 }
```

Background

The CSS property to change the background color of an element to Hex C28B03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C28B03 }
```

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

```
.background{ background-color:#C28B03 }
```

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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