

Converting Colors

Hex(C7A303)

Have a look what the booklet for
Hex(C7A303) contains.

Hex(C7A303)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C7A303)

Conversions

Conversions Part 1

Format	Color
Hex	C7A303
RGB	199, 163, 3
RGB Percent	78%, 64%, 1%
CMY	0.2196, 0.3608, 0.9882
CMYK	0.00, 0.18, 0.98, 0.22
HSL	49°, 97%, 40%
HSV	49°, 98%, 78%
XYZ	36.6668, 38.3431, 5.5546
YIQ	155.5240, 72.8160, -42.1280

Conversions

Conversions Part 2

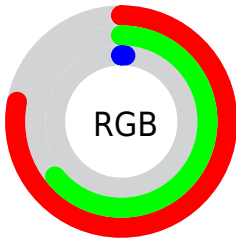
Format	Color
RYB	47, 199, 3
Decimal	13083395
CIELab	68.27, 0.74, 71.12
CIELCh	68, 71.126, 89.405
Yxy	38.3431, 0.4551, 0.4759
Android (android.graphics.Color)	4291273475 (0xFFC7A303)
YUV	155.5240, -75.1943, 38.1285
Hunter-Lab	61.9218, -2.6648, 38.0268

Details

The Hex color **C7A303** 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 **0327C7**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFDA4D**, and **8C7000** is the 20% darker color. If you saturate the color by 10%, you get **C7A200**, and if you desaturate by 10%, it is **C7A717**.

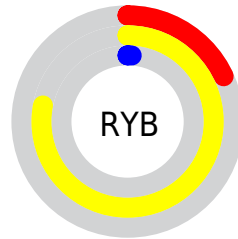
Distribution



Red (78%)

Green (64%)

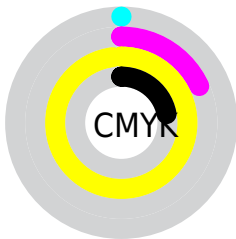
Blue (1%)



Red (18%)

Yellow (78%)

Blue (1%)

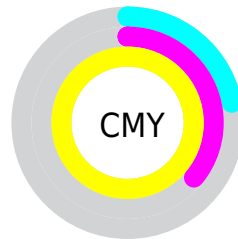


Cyan (0%)

Magenta (18%)

Yellow (98%)

Black (22%)



Cyan (22%)

Magenta (36%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7A303 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 C7A303 by changing the saturation by 10% instead.

 C7A303

 C7A303

FFFFFF

 A98900

 FFDA4D

 8C7000

 FFF66A

 705800

 FFFF85

 544100

 FFFFA2

 392B00

 FFFFBE

 201700

 FFFFDB

 000000

 FFFFF9

 C7A303

 C7A303

■ C7A200

■ C7A717

■ C7AA2B

■ C7AE3F

■ C7B253

■ C7B567

■ C7B97A

■ C7BD8E

■ C7C0A2

■ C7C4B6

Harmonies

Analogous

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



F88A34



C7A303



87B527

Triad

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



C7A303



00C4E4



F279E9

Complementary

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



C7A303



0327C7

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.



A296FF



C7A303



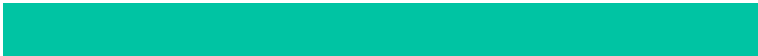
00BDFF

Square

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



C7A303



00C4A3



00AEFF



FF66AA

Rectangle

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



C7A303



4DBD4D



00AEFF



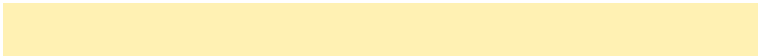
DD82FB

Sweetspot

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



C7A303



FFF1B3



C7032A



807752



000000



808080

Same Dimension

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



C7A303



FFD000



8CC703



63625A



A38500



241D00

Inverse Universe

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



0327C7



002FFF



3E03C7



5A5B63



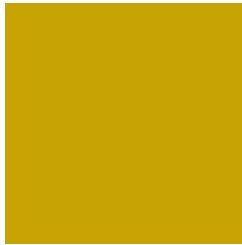
001EA3



000724

Previews

White Background



This preview shows how the Hex color C7A303 looks on a white background.

Color Contrast Check

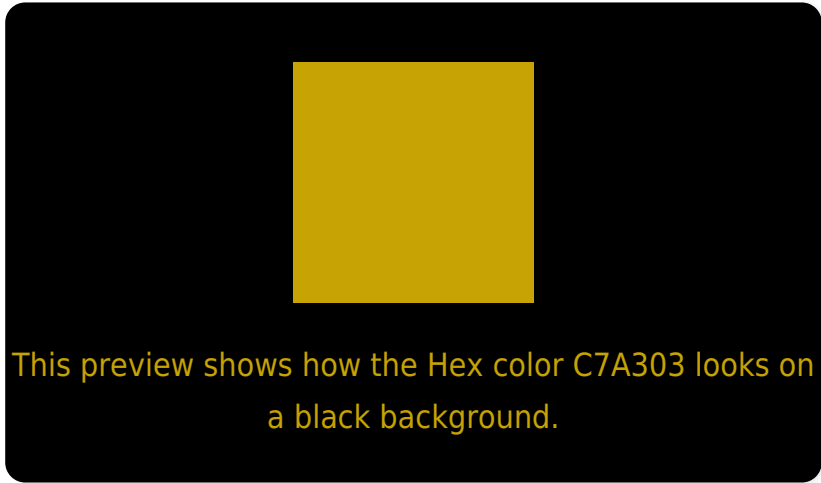
Large Text (above 18pt) WCAG AA × Fail

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 C7A303 Background



This preview shows how black text looks on a background with the Hex color C7A303.



This preview shows how white text looks on a background with the Hex color C7A303.

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
C7A303

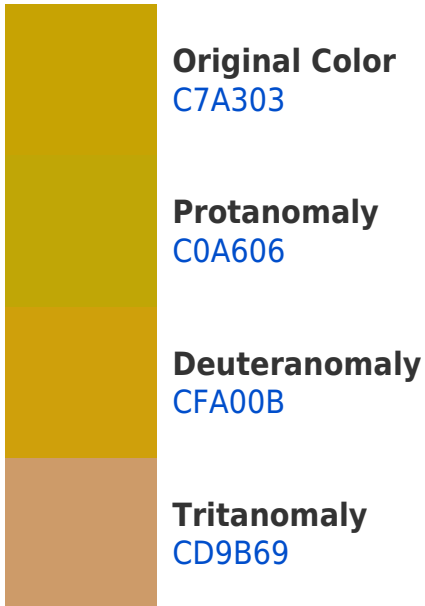
Protanopia
BCA708

Deuteranopia
D39E10



Tritanopia
D097A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C7A303 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 #C7A303 looks like.

```
.text, #text, p{  
    color:#C7A303  
}
```

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 #C7A303 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7A303
}
```

Border

The CSS property to change the border of an element to Hex C7A303 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
#C7A303 }
```

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

```
.border{ border-color:#C7A303 }
```

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

Here you see how a box with a 4 pixel #C7A303 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7A303; -webkit-box-shadow:4px 4px  
4px 4px #C7A303; box-shadow:4px 4px 4px  
4px #C7A303 }
```

Background

The CSS property to change the background color of an element to Hex C7A303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7A303 }
```

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

```
.background{ background-color:#C7A303 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor