

Converting Colors

Hex(C7A000)

Have a look what the booklet for
Hex(C7A000) contains.

Hex(C7A000)	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(C7A000)

Conversions

Conversions Part 1

Format	Color
Hex	C7A000
RGB	199, 160, 0
RGB Percent	78%, 63%, 0%
CMY	0.2196, 0.3725, 1.0000
CMYK	0.00, 0.20, 1.00, 0.22
HSL	48°, 100%, 39%
HSV	48°, 100%, 78%
XYZ	36.1240, 37.2837, 5.2925
YIQ	153.4210, 74.6040, -41.4920

Conversions

Conversions Part 2

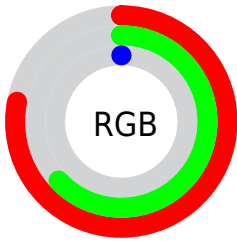
Format	Color
RYB	49, 199, 0
Decimal	13082624
CIELab	67.49, 2.31, 70.96
CIElCh	67, 70.995, 88.135
Yxy	37.2837, 0.4590, 0.4737
Android (android.graphics.Color)	4291272704 (0xFFC7A000)
YUV	153.4210, -75.6366, 39.9728
Hunter-Lab	61.0604, -1.2532, 37.6032

Details

The Hex color **C7A000** 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 **0027C7**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFD64C**, and **8C6D00** is the 20% darker color. If you saturate the color by 10%, you get **C7A000**, and if you desaturate by 10%, it is **C7A414**.

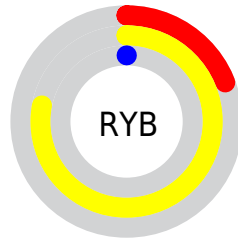
Distribution



Red (78%)

Green (63%)

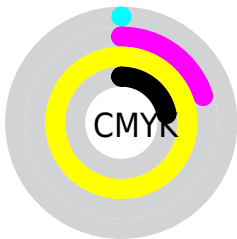
Blue (0%)



Red (19%)

Yellow (78%)

Blue (0%)

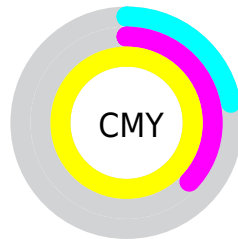


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7A000 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 C7A000 by changing the saturation by 10% instead.

 C7A000

 C7A000

FFFFFF

 A98600

 FFD64C

 8C6D00

 FFF368

 6F5500

 FFFF84

 533E00


 FFFFA0

 392900

 FFFFBC

 201500

 FFFFFD9

 000000

 FFFFF7

 C7A000

 C7A414

 C7A828

 C7AC3C

 C7B050

 C7B464

 C7B777

 C7BB8B

 C7BF9F

 C7C3B3

Harmonies

Analogous

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



F78734



C7A000



88B222

Triad

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



C7A000



00C2DF



ED78E9

Complementary

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



C7A000



0027C7

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.



9B95FF



C7A000



00BCFF

Square

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



C7A000



00C29E



00ADFF



FF64AB

Rectangle

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



C7A000



4FBA49



00ADFF



D881FB

Sweetspot

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



C7A000



FFF0B3



C70028



807752



000000



808080

Same Dimension

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



C7A000



FFCD00



8BC700



63625A



A38300



241D00

Inverse Universe

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



0027C7



0032FF



3C00C7



5A5B63



0020A3



000724

Previews

White Background



This preview shows how the Hex color C7A000 looks on a white background.

Color Contrast Check

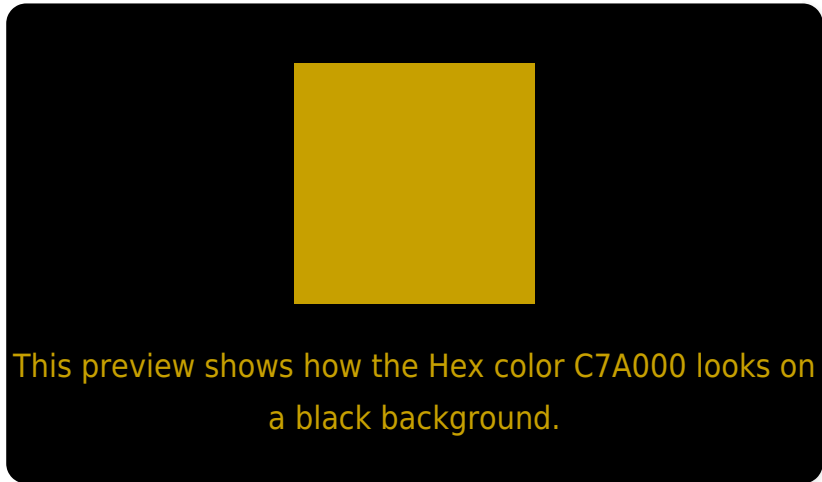
Large Text (above 18pt) WCAG AA × Fail

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 C7A000 Background



This preview shows how black text looks on a background with the Hex color C7A000.



This preview shows how white text looks on a background with the Hex color C7A000.

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
C7A000

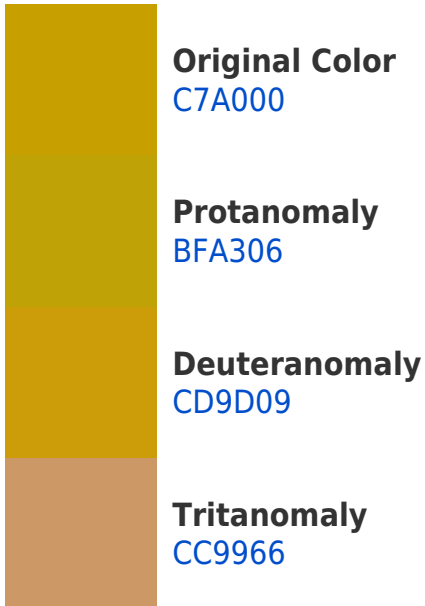
Protanopia
BAA509

Deuteranopia
D09C0E



Tritanopia
CF95A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C7A000 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 #C7A000 looks like.

```
.text, #text, p{  
    color:#C7A000  
}
```

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 #C7A000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7A000
}
```

Border

The CSS property to change the border of an element to Hex C7A000 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
#C7A000 }
```

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

```
.border{ border-color:#C7A000 }
```

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

Here you see how a box with a 4 pixel #C7A000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7A000; -webkit-box-shadow:4px 4px  
4px 4px #C7A000; box-shadow:4px 4px 4px  
4px #C7A000 }
```

Background

The CSS property to change the background color of an element to Hex C7A000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7A000 }
```

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

```
.background{ background-color:#C7A000 }
```

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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