

Converting Colors

Hex(CD7B00)

Have a look what the booklet for
Hex(CD7B00) contains.

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Color

Hex(CD7B00)

Conversions

Conversions Part 1

Format	Color
Hex	CD7B00
RGB	205, 123, 0
RGB Percent	80%, 48%, 0%
CMY	0.1961, 0.5176, 1.0000
CMYK	0.00, 0.40, 1.00, 0.20
HSL	36°, 100%, 40%
HSV	36°, 100%, 80%
XYZ	32.2598, 27.1451, 3.5392
YIQ	133.4960, 88.3550, -20.8690

Conversions

Conversions Part 2

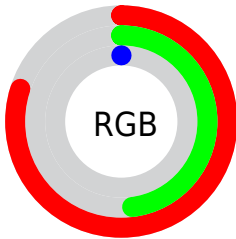
Format	Color
R _Y B	137, 205, 0
Decimal	13466368
CIE Lab	59.11, 25.03, 65.67
CIE LCh	59, 70.278, 69.134
Yxy	27.1451, 0.5125, 0.4313
Android (android.graphics.Color)	4291656448 (0xFFCD7B00)
YUV	133.4960, -65.8135, 62.7090
Hunter-Lab	52.1009, 19.3469, 32.4430

Details

The Hex color **CD7B00** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **0052CD**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FFB045**, and **904A00** is the 20% darker color. If you saturate the color by 10%, you get **CD7B00**, and if you desaturate by 10%, it is **CD8314**.

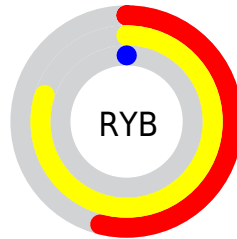
Distribution



Red (80%)

Green (48%)

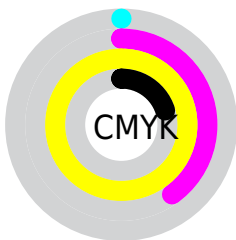
Blue (0%)



Red (54%)

Yellow (80%)

Blue (0%)

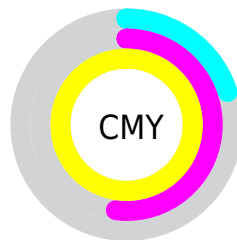


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD7B00 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 CD7B00 by changing the saturation by 10% instead.

 CD7B00

 CD7B00

FFFFFF

 AE6200

 FFB045

 904A00

 FFCB60

 733200

 FFE87B

 561C00

 FFFF96

 3A0500

 FFFFFB2

 230001

 FFFFFCF

 000000

 FFFFFEC

 CD7B00

 CD8314

 CD8B29

 CD943E

 CD9C52

 CDA467

 CDAC7B

 CDB490

 CDBDA4

 CDC5B9

Harmonies

Analogous

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



F05F43



CD7B00



999200

Triad

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



CD7B00



00AAA0



A775EF

Complementary

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



CD7B00



0052CD

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.



0090FF



CD7B00



00A9DB

Square

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



CD7B00



00A760



00A1FF



E557BC

Rectangle

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



CD7B00



6F9C01



00A1FF



877FFB

Sweetspot

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



CD7B00



FFE0B3



CD0052



806D52



000000



808080

Same Dimension

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



CD7B00



FF9900



B9CD00



66625C



A66300



261700

Inverse Universe

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



0052CD



0066FF



1400CD



5C6066



0042A6



000F26

Previews

White Background



This preview shows how the Hex color CD7B00 looks on a white background.

Color Contrast Check

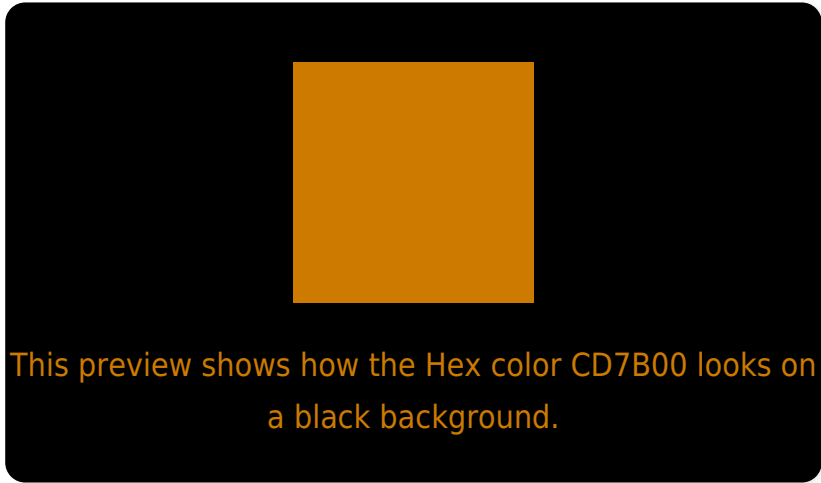
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD7B00 Background



This preview shows how black text looks on a background with the Hex color CD7B00.



This preview shows how white text looks on a background with the Hex color CD7B00.

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
CD7B00

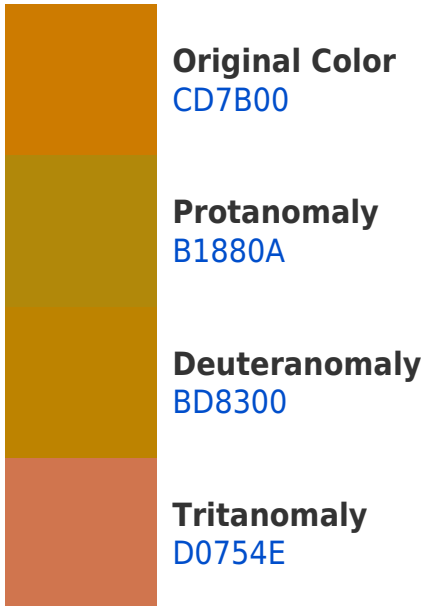
Protanopia
A18F10

Deuteranopia
B48700



Tritanopia
D2727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CD7B00 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 #CD7B00 looks like.

```
.text, #text, p{  
    color:#CD7B00  
}
```

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 #CD7B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD7B00
}
```

Border

The CSS property to change the border of an element to Hex CD7B00 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
#CD7B00 }
```

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

```
.border{ border-color:#CD7B00 }
```

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

Here you see how a box with a 4 pixel #CD7B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD7B00; -webkit-box-shadow:4px 4px  
4px 4px #CD7B00; box-shadow:4px 4px 4px  
4px #CD7B00 }
```

Background

The CSS property to change the background color of an element to Hex CD7B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD7B00 }
```

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

```
.background{ background-color:#CD7B00 }
```

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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