

Converting Colors

Hex(CDA800)

Have a look what the booklet for
Hex(CDA800) contains.

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Color

Hex(CDA800)

Conversions

Conversions Part 1

Format	Color
Hex	CDA800
RGB	205, 168, 0
RGB Percent	80%, 66%, 0%
CMY	0.1961, 0.3412, 1.0000
CMYK	0.00, 0.18, 1.00, 0.20
HSL	49°, 100%, 40%
HSV	49°, 100%, 80%
XYZ	39.1795, 40.9844, 5.8458
YIQ	159.9110, 75.9800, -44.4040

Conversions

Conversions Part 2

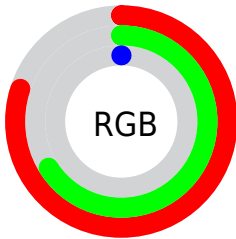
Format	Color
R _Y B	45, 205, 0
Decimal	13477888
CIE Lab	70.16, 0.71, 73.11
CIE LCh	70, 73.114, 89.441
Yxy	40.9844, 0.4555, 0.4765
Android (android.graphics.Color)	4291667968 (0xFFCDA800)
YUV	159.9110, -78.8361, 39.5431
Hunter-Lab	64.0191, -2.7919, 39.3994

Details

The Hex color **CDA800** 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 **0025CD**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFDF4E**, and **927500** is the 20% darker color. If you saturate the color by 10%, you get **CDA800**, and if you desaturate by 10%, it is **CDAC14**.

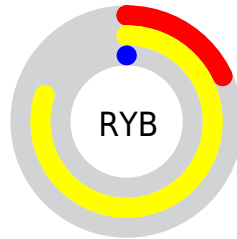
Distribution



Red (80%)

Green (66%)

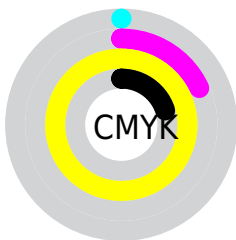
Blue (0%)



Red (18%)

Yellow (80%)

Blue (0%)

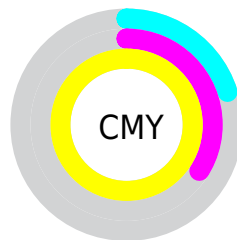


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (34%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDA800 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 CDA800 by changing the saturation by 10% instead.

 CDA800

 CDA800

FFFFFF

 AF8E00

 FFDF4E

 927500

 FFFB6A

 755C00

 FFFF86

 594500

 FFFFA2

 3E2F00

 FFFFBF

 251B00

 FFFFDC

 030000

 FFFFFFFA

 000000

 CDA800

 CDAC14

 CDAF29

 CDB33E

 CDB752

 CDBB67

 CDBE7B

 CDC290

 CDC6A4

 CDC9B9

Harmonies

Analogous

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



FF8E35



CDA800



8BBB27

Triad

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



CDA800



00CAEB



FA7CF0

Complementary

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



CDA800



0025CD

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.



A79AFF



CDA800



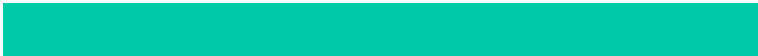
00C3FF

Square

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



CDA800



00CAA8



00B4FF



FF69B0

Rectangle

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



CDA800



4EC24F



00B4FF



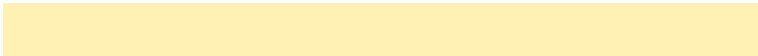
E486FF

Sweetspot

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



CDA800



FFF1B3



CD0026



807752



000000



808080

Same Dimension

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



CDA800



FFD100



8CCD00



66645C



A68800



261F00

Inverse Universe

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



0025CD



002EFF



4100CD



5C5E66



001EA6



000726

Previews

White Background



This preview shows how the Hex color CDA800 looks on a white background.

Color Contrast Check

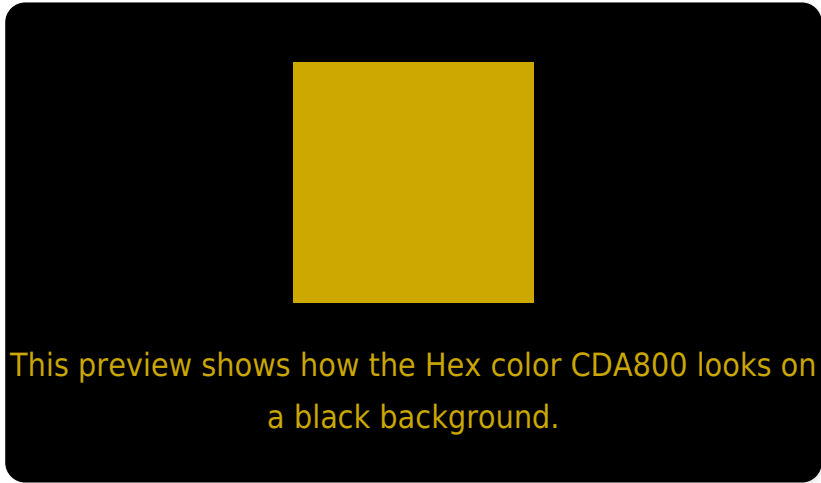
Large Text (above 18pt) WCAG AA × Fail

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 CDA800 Background



This preview shows how black text looks on a background with the Hex color CDA800.

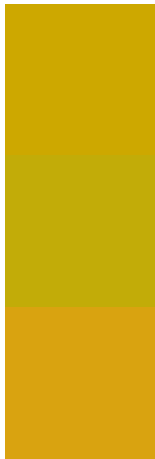


This preview shows how white text looks on a background with the Hex color CDA800.

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
CDA800

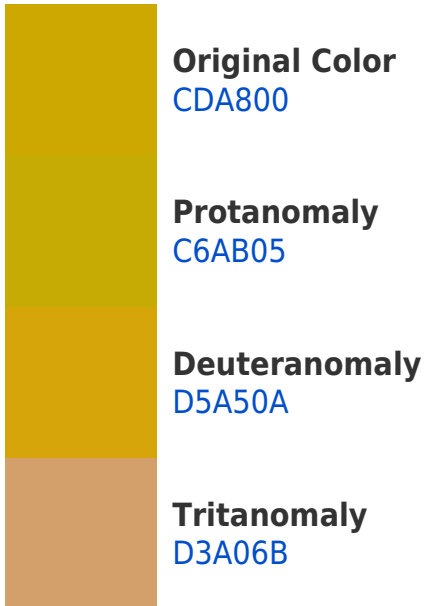
Protanopia
C2AC08

Deuteranopia
D9A310



Tritanopia
D69CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDA800 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 #CDA800 looks like.

```
.text, #text, p{  
    color:#CDA800  
}
```

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 #CDA800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDA800
}
```

Border

The CSS property to change the border of an element to Hex CDA800 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
#CDA800 }
```

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

```
.border{ border-color:#CDA800 }
```

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

Here you see how a box with a 4 pixel #CDA800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDA800; -webkit-box-shadow:4px 4px  
4px 4px #CDA800; box-shadow:4px 4px 4px  
4px #CDA800 }
```

Background

The CSS property to change the background color of an element to Hex CDA800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDA800 }
```

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

```
.background{ background-color:#CDA800 }
```

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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