

Converting Colors

Hex(CD9A00)

Have a look what the booklet for
Hex(CD9A00) contains.

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Color

Hex(CD9A00)

Conversions

Conversions Part 1

Format	Color
Hex	CD9A00
RGB	205, 154, 0
RGB Percent	80%, 60%, 0%
CMY	0.1961, 0.3961, 1.0000
CMYK	0.00, 0.25, 1.00, 0.20
HSL	45°, 100%, 40%
HSV	45°, 100%, 80%
XYZ	36.7324, 36.0903, 5.0301
YIQ	151.6930, 79.8300, -37.0820

Conversions

Conversions Part 2

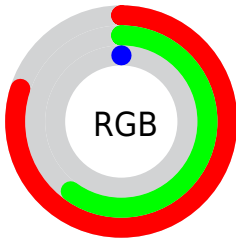
Format	Color
RYB	68, 205, 0
Decimal	13474304
CIELab	66.59, 8.21, 70.63
CIELCh	67, 71.107, 83.367
Yxy	36.0903, 0.4718, 0.4636
Android (android.graphics.Color)	4291664384 (0xFFCD9A00)
YUV	151.6930, -74.7846, 46.7502
Hunter-Lab	60.0752, 4.0105, 37.0883

Details

The Hex color **CD9A00** 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 **0033CD**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFD04B**, and **916700** is the 20% darker color. If you saturate the color by 10%, you get **CD9A00**, and if you desaturate by 10%, it is **CD9F14**.

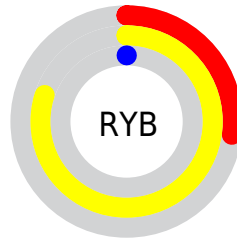
Distribution



Red (80%)

Green (60%)

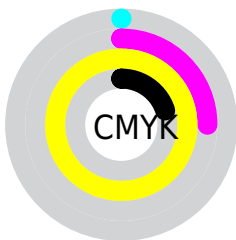
Blue (0%)



Red (27%)

Yellow (80%)

Blue (0%)

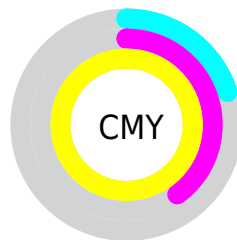


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD9A00 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 CD9A00 by changing the saturation by 10% instead.

 CD9A00

 CD9A00

FFFFFF

 AF8000

 FFD04B

 916700

 FFEC67

 745000

 FFFF83

 583900

 FFFF9F

 3D2400

 FFFFBB

 241000

 FFFFD8

 000000

 FFFFF5

 CD9A00

 CD9F14

 CDA429

 CDA93E

 CDAE52

 CDB367

 CDB97B

 CDBE90

 CDC3A4

 CDC8B9

Harmonies

Analogous

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



FB803A



CD9A00



91AD15

Triad

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



CD9A00



00BFD3



E17AEF

Complementary

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



CD9A00



0033CD

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.



8597FF



CD9A00



00BBFF

Square

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



CD9A00



00BF91



00AEFF



FF63B3

Rectangle

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



CD9A00



5DB63D



00AEFF



C984FF

Sweetspot

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



CD9A00



FFECB3



CD0033



807452



000000



808080

Same Dimension

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



CD9A00



FFC000



9ACD00



66635C



A67D00



261D00

Inverse Universe

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



0033CD



003FFF



3300CD



5C5E66



0029A6



000A26

Previews

White Background



This preview shows how the Hex color CD9A00 looks on a white background.

Color Contrast Check

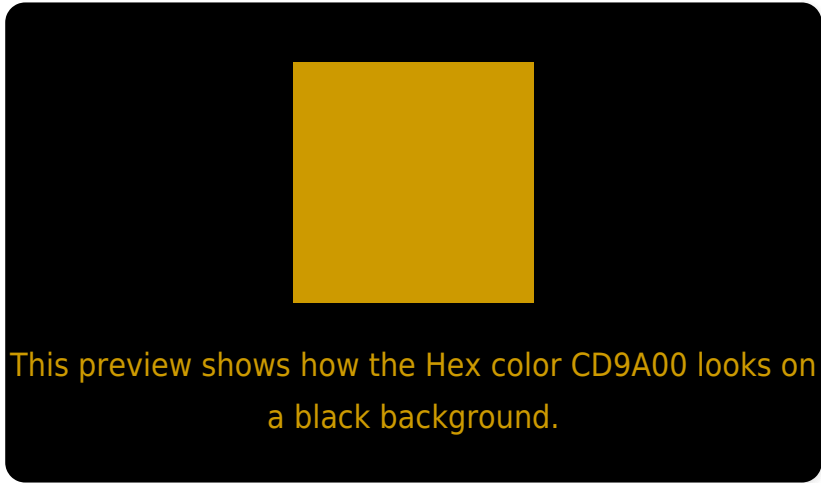
Large Text (above 18pt) WCAG AA × Fail

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 CD9A00 Background



This preview shows how black text looks on a background with the Hex color CD9A00.



This preview shows how white text looks on a background with the Hex color CD9A00.

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
CD9A00

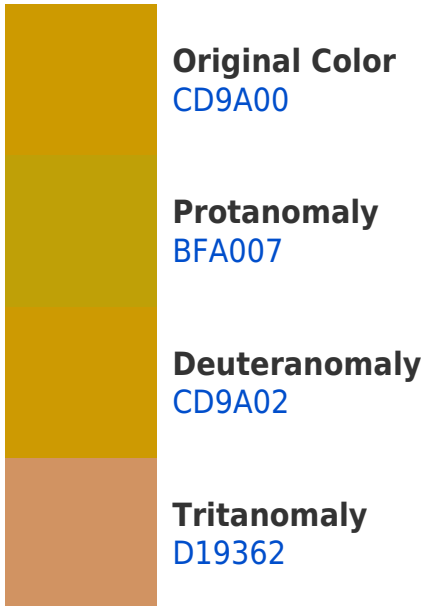
Protanopia
B7A30B

Deuteranopia
CD9A03

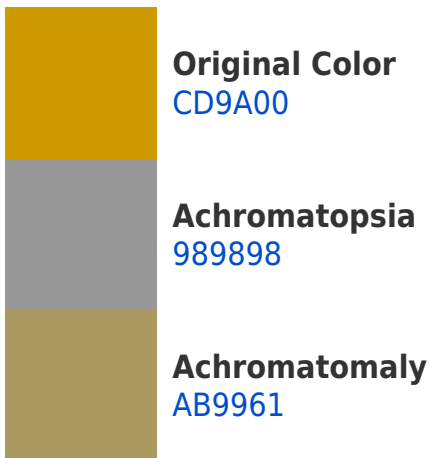


Tritanopia
D48F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CD9A00 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 #CD9A00 looks like.

```
.text, #text, p{  
    color:#CD9A00  
}
```

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 #CD9A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD9A00
}
```

Border

The CSS property to change the border of an element to Hex CD9A00 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
#CD9A00 }
```

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

```
.border{ border-color:#CD9A00 }
```

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

Here you see how a box with a 4 pixel #CD9A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD9A00; -webkit-box-shadow:4px 4px  
4px 4px #CD9A00; box-shadow:4px 4px 4px  
4px #CD9A00 }
```

Background

The CSS property to change the background color of an element to Hex CD9A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD9A00 }
```

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

```
.background{ background-color:#CD9A00 }
```

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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