

Converting Colors

Hex(CD9900)

Have a look what the booklet for
Hex(CD9900) contains.

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Color

Hex(CD9900)

Conversions

Conversions Part 1

Format	Color
Hex	CD9900
RGB	205, 153, 0
RGB Percent	80%, 60%, 0%
CMY	0.1961, 0.4000, 1.0000
CMYK	0.00, 0.25, 1.00, 0.20
HSL	45°, 100%, 40%
HSV	45°, 100%, 80%
XYZ	36.5681, 35.7616, 4.9753
YIQ	151.1060, 80.1050, -36.5590

Conversions

Conversions Part 2

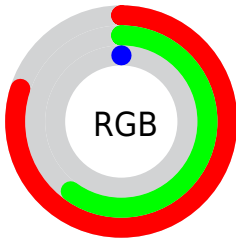
Format	Color
RYB	70, 205, 0
Decimal	13474048
CIELab	66.34, 8.75, 70.46
CIElCh	66, 71.001, 82.918
Yxy	35.7616, 0.4730, 0.4626
Android (android.graphics.Color)	4291664128 (0xFFCD9900)
YUV	151.1060, -74.4953, 47.2650
Hunter-Lab	59.8010, 4.5003, 36.9279

Details

The Hex color **CD9900** 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 **0034CD**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFCF4B**, and **916600** is the 20% darker color. If you saturate the color by 10%, you get **CD9900**, and if you desaturate by 10%, it is **CD9E14**.

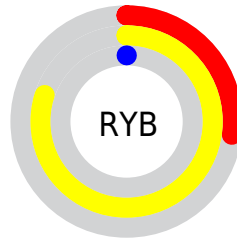
Distribution



Red (80%)

Green (60%)

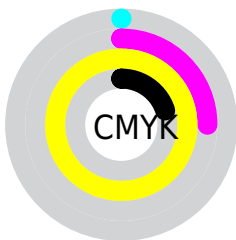
Blue (0%)



Red (27%)

Yellow (80%)

Blue (0%)

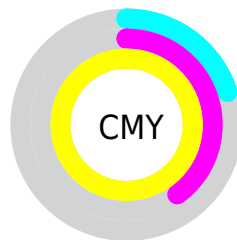


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD9900 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 CD9900 by changing the saturation by 10% instead.

 CD9900

 CD9900

FFFFFF

 AF7F00

 FFCF4B

 916600

 FFE667

 744F00

 FFFF82

 583800

 FFFF9E

 3D2300

 FFFFFB

 240F00

 FFFFD8

 000000

 FFFFF5

 CD9900

 CD9E14

 CDA329

 CDA93E

 CDAE52

 CDB367

 CDB87B

 CDBD90

 CDC3A4

 CDC8B9

Harmonies

Analogous

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



FA7F3B



CD9900



91AC13

Triad

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



CD9900



00BFD1



DF7AEF

Complementary

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



CD9900



0034CD

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.



8297FF



CD9900



00BAFF

Square

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



CD9900



00BE90



00ADFF



FF62B3

Rectangle

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



CD9900



5EB53B



00ADFF



C784FF

Sweetspot

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



CD9900



FFECB3



CD0037



807452



000000



808080

Same Dimension

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



CD9900



FFBE00



9DCD00



66635C



A67C00



261D00

Inverse Universe

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



0034CD



0041FF



3000CD



5C5E66



002AA6



000A26

Previews

White Background



This preview shows how the Hex color CD9900 looks on a white background.

Color Contrast Check

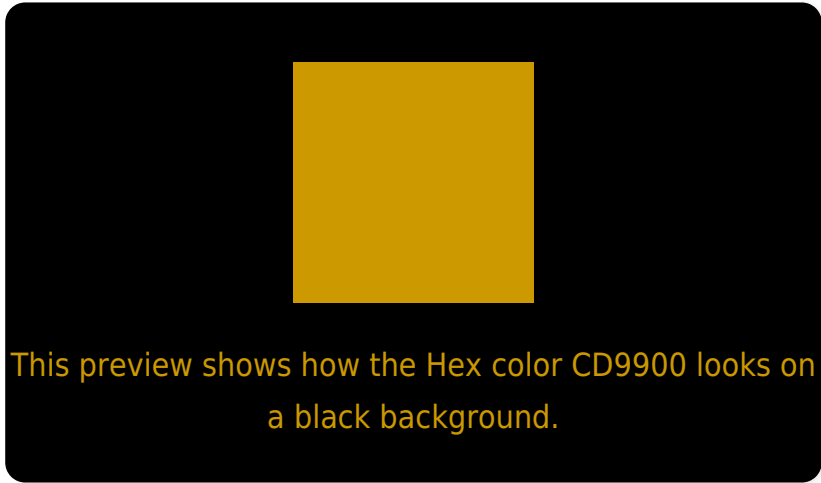
Large Text (above 18pt) WCAG AA × Fail

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 CD9900 Background



This preview shows how black text looks on a background with the Hex color CD9900.



This preview shows how white text looks on a background with the Hex color CD9900.

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
CD9900

Protanopia
B6A20B

Deuteranopia
CC9900

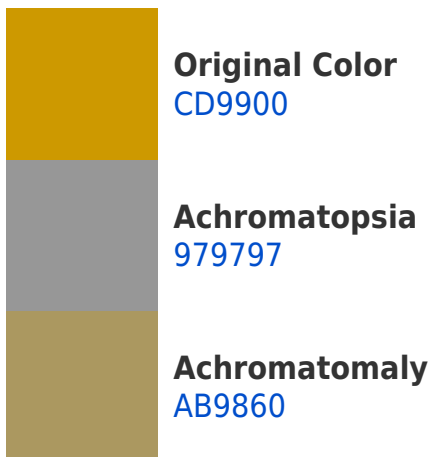


Tritanopia
D48E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CD9900 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 #CD9900 looks like.

```
.text, #text, p{  
    color:#CD9900  
}
```

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 #CD9900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD9900  
}
```

Border

The CSS property to change the border of an element to Hex CD9900 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  
#CD9900 }
```

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

```
.border{ border-color:#CD9900 }
```

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

Here you see how a box with a 4 pixel #CD9900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD9900; -webkit-box-shadow:4px 4px  
4px 4px #CD9900; box-shadow:4px 4px 4px  
4px #CD9900 }
```

Background

The CSS property to change the background color of an element to Hex CD9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD9900 }
```

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

```
.background{ background-color:#CD9900 }
```

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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