

Converting Colors

Hex(CC9900)

Have a look what the booklet for
Hex(CC9900) contains.

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Color

Hex(CC9900)

Conversions

Conversions Part 1

Format	Color
Hex	CC9900
RGB	204, 153, 0
RGB Percent	80%, 60%, 0%
CMY	0.2000, 0.4000, 1.0000
CMYK	0.00, 0.25, 1.00, 0.20
HSL	45°, 100%, 40%
HSV	45°, 100%, 80%
XYZ	36.2931, 35.6198, 4.9625
YIQ	150.8070, 79.5090, -36.7710

Conversions

Conversions Part 2

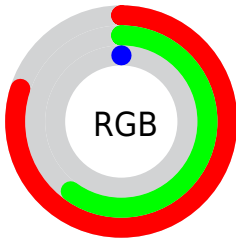
Format	Color
RYB	68, 204, 0
Decimal	13408512
CIELab	66.23, 8.31, 70.33
CIElCh	66, 70.822, 83.262
Yxy	35.6198, 0.4721, 0.4633
Android (android.graphics.Color)	4291598592 (0xFFCC9900)
YUV	150.8070, -74.3479, 46.6503
Hunter-Lab	59.6824, 4.1024, 36.8478

Details

The Hex color **CC9900** is a dark color, and the websafe version is hex **CC9900**, and the color name is **chinese gold**. The color can be described as dark washed orange. A complement of this color would be **0033CC**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFCF4B**, and **906600** is the 20% darker color. If you saturate the color by 10%, you get **CC9900**, and if you desaturate by 10%, it is **CC9E14**.

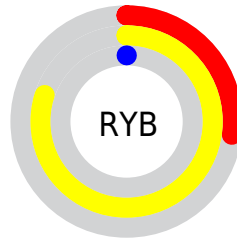
Distribution



Red (80%)

Green (60%)

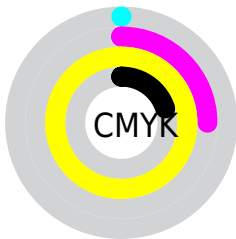
Blue (0%)



Red (27%)

Yellow (80%)

Blue (0%)

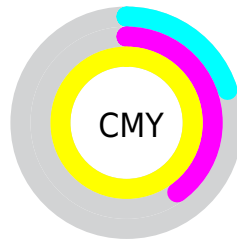


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC9900 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 CC9900 by changing the saturation by 10% instead.

 CC9900

 CC9900

FFFFFF

 AE7F00

 FFCF4B

 906600

 FFE867

 744F00

 FFFF82

 573800

 FFFF9E

 3C2300

 FFFFBB

 230F00

 FFFFD8

 000000

 FFFFF5

 CC9900

 CC9E14

 CCA329

 CCA83D

 CCAD52

 CCB366

 CCB87A

 CCBD8F

 CCC2A3

 CCC7B8

Harmonies

Analogous

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



F97F3A



CC9900



90AC14

Triad

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



CC9900



00BED2



E079EE

Complementary

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



CC9900



0033CC

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.



8496FF



CC9900



00BAFF

Square

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



CC9900



00BE90



00ADFF



FF62B2

Rectangle

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



CC9900



5CB53C



00ADFF



C783FE

Sweetspot

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



CC9900



FFECB3



CC0033



807452



000000



808080

Same Dimension

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



CC9900



FFBF00



99CC00



66635C



A67C00



261D00

Inverse Universe

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



0033CC



0040FF



3300CC



5C5E66



0029A6



000A26

Previews

White Background



This preview shows how the Hex color CC9900 looks on a white background.

Color Contrast Check

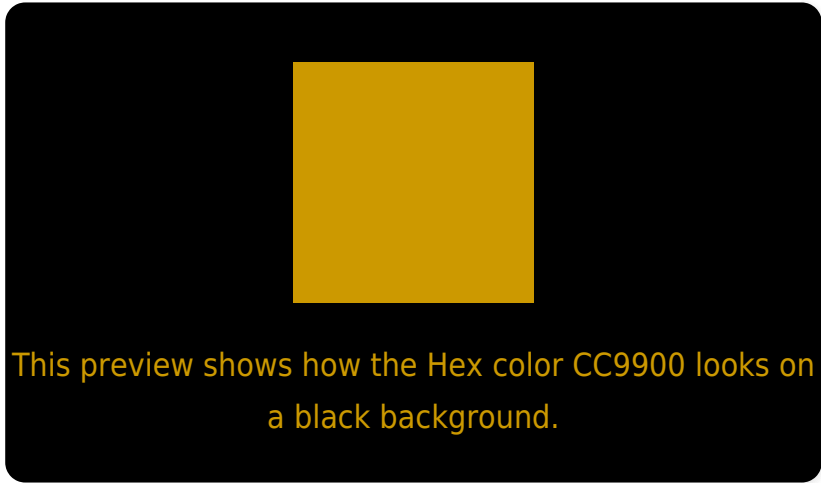
Large Text (above 18pt) WCAG AA × Fail

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 CC9900 Background



This preview shows how black text looks on a background with the Hex color CC9900.



This preview shows how white text looks on a background with the Hex color CC9900.

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
CC9900

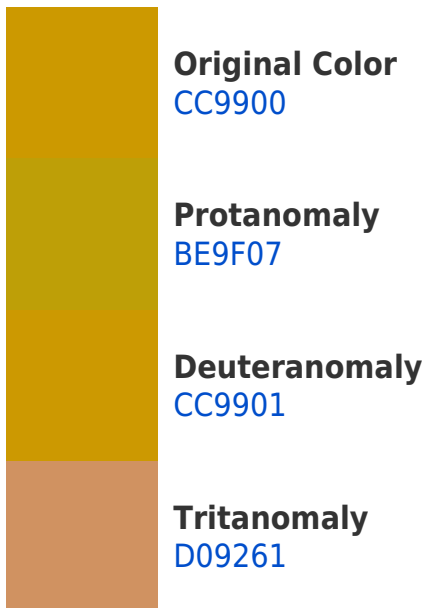
Protanopia
B6A20B

Deuteranopia
CC9902

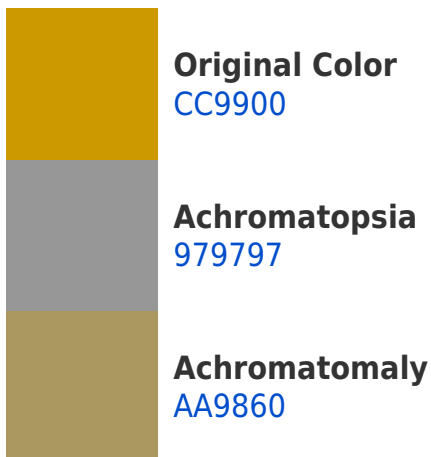


Tritanopia
D38E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC9900 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 #CC9900 looks like.

```
.text, #text, p{  
    color:#CC9900  
}
```

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 #CC9900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC9900
}
```

Border

The CSS property to change the border of an element to Hex CC9900 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
#CC9900 }
```

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

```
.border{ border-color:#CC9900 }
```

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

Here you see how a box with a 4 pixel #CC9900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC9900; -webkit-box-shadow:4px 4px  
4px 4px #CC9900; box-shadow:4px 4px 4px  
4px #CC9900 }
```

Background

The CSS property to change the background color of an element to Hex CC9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC9900 }
```

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

```
.background{ background-color:#CC9900 }
```

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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