

Converting Colors

Hex(CD9913)

Have a look what the booklet for
Hex(CD9913) contains.

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Color

Hex(CD9913)

Conversions

Conversions Part 1

Format	Color
Hex	CD9913
RGB	205, 153, 19
RGB Percent	80%, 60%, 7%
CMY	0.1961, 0.4000, 0.9255
CMYK	0.00, 0.25, 0.91, 0.20
HSL	43°, 83%, 44%
HSV	43°, 91%, 80%
XYZ	36.6856, 35.8086, 5.5943
YIQ	153.2720, 74.0060, -30.6500

Conversions

Conversions Part 2

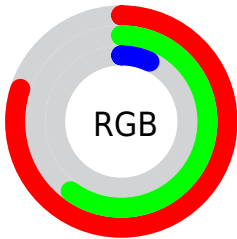
Format	Color
R _Y B	91, 205, 19
Decimal	13474067
CIE Lab	66.37, 8.99, 67.67
CIE LCh	66, 68.265, 82.435
Yxy	35.8086, 0.4698, 0.4586
Android (android.graphics.Color)	4291664147 (0xFFCD9913)
YUV	153.2720, -66.1961, 45.3655
Hunter-Lab	59.8403, 4.7104, 36.3454

Details

The Hex color **CD9913** 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 **1347CD**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFCF52**, and **916600** is the 20% darker color. If you saturate the color by 10%, you get **CD9400**, and if you desaturate by 10%, it is **CD9F27**.

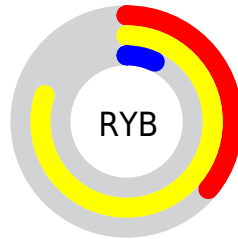
Distribution



Red (80%)

Green (60%)

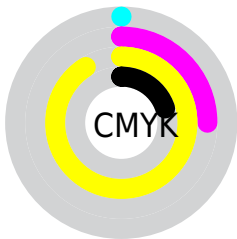
Blue (7%)



Red (36%)

Yellow (80%)

Blue (7%)

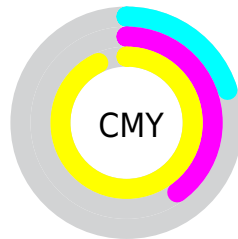


Cyan (0%)

Magenta (25%)

Yellow (91%)

Black (20%)



Cyan (20%)

Magenta (40%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD9913 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 CD9913 by changing the saturation by 10% instead.

 CD9913

 CD9913

FFFFFF

 AF7F00

 FFCF52

 916600

 FFE66D

 754F00

 FFFF89

 583800

 FFFFA5

 3D2300

 FFFFC1

 240F00

 FFFFDE

 000000

 FFFFFB

 CD9913

 CD9913

■ CD9400

■ CD9F27

■ CDA43C

■ CDAA51

■ CDB065

■ CDB67A

■ CDBB8E

■ CDC1A3

■ CDC7B7

■ CDCDCC

Harmonies

Analogous

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



F88040



CD9913



93AC1E

Triad

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



CD9913



00BECE



DC7CED

Complementary

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



CD9913



1347CD

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.



8398FF



CD9913



00B9FF

Square

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



CD9913



00BD8F



00ADFF



FF67B4

Rectangle

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



CD9913



63B43F



00ADFF



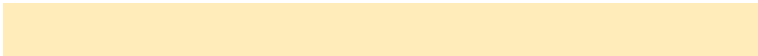
C585FD

Sweetspot

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



CD9913



FFECBA



CD1348



807457



000000



808080

Same Dimension

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



CD9913



FFB800



A5CD13



66635C



A67700



261C00

Inverse Universe

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



1347CD



0047FF



3B13CD



5C5F66



002EA6



000B26

Previews

White Background



This preview shows how the Hex color CD9913 looks on a white background.

Color Contrast Check

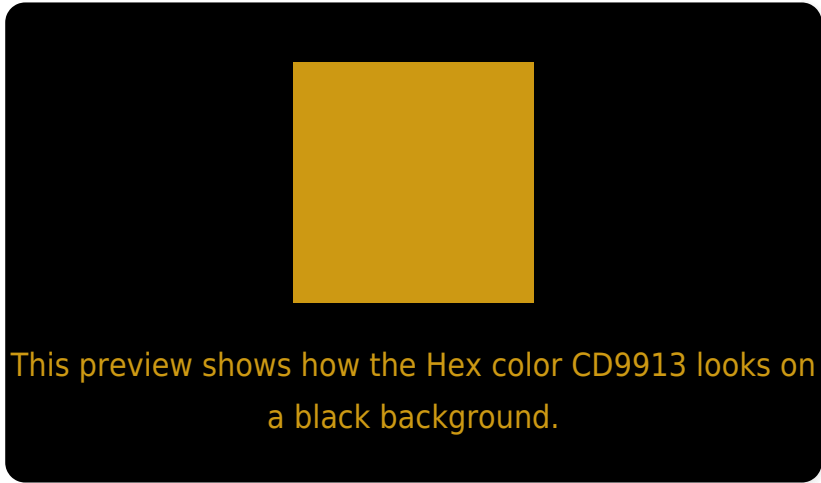
Large Text (above 18pt) WCAG AA × Fail

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 CD9913 Background



This preview shows how black text looks on a background with the Hex color CD9913.



This preview shows how white text looks on a background with the Hex color CD9913.

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
CD9913

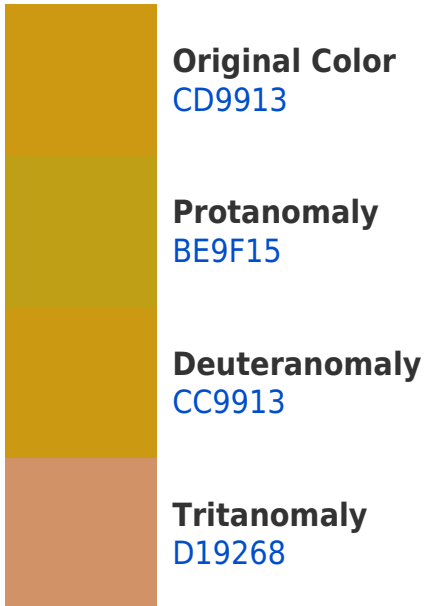
Protanopia
B6A216

Deuteranopia
CC9913

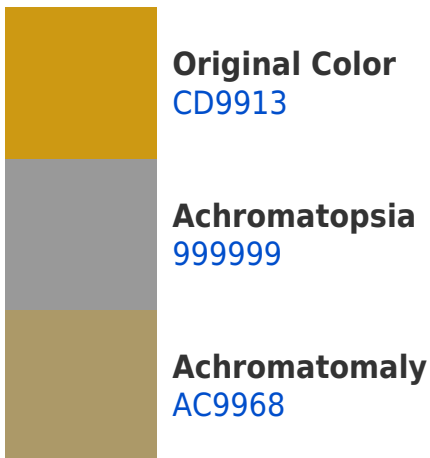


Tritanopia
D48E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CD9913 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 #CD9913 looks like.

```
.text, #text, p{  
    color:#CD9913  
}
```

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 #CD9913 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD9913
}
```

Border

The CSS property to change the border of an element to Hex CD9913 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
#CD9913 }
```

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

```
.border{ border-color:#CD9913 }
```

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

Here you see how a box with a 4 pixel #CD9913 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD9913; -webkit-box-shadow:4px 4px  
4px 4px #CD9913; box-shadow:4px 4px 4px  
4px #CD9913 }
```

Background

The CSS property to change the background color of an element to Hex CD9913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD9913 }
```

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

```
.background{ background-color:#CD9913 }
```

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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