

Converting Colors

Hex(D0A912)

Have a look what the booklet for
Hex(D0A912) contains.

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Color

Hex(D0A912)

Conversions

Conversions Part 1

Format	Color
Hex	D0A912
RGB	208, 169, 18
RGB Percent	82%, 66%, 7%
CMY	0.1843, 0.3373, 0.9294
CMYK	0.00, 0.19, 0.91, 0.18
HSL	48°, 84%, 44%
HSV	48°, 91%, 82%
XYZ	40.3096, 41.8295, 6.5216
YIQ	163.4470, 71.7150, -38.6930

Conversions

Conversions Part 2

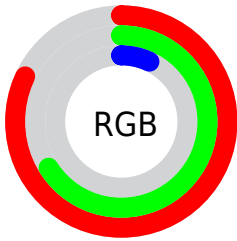
Format	Color
RYB	67, 208, 18
Decimal	13674770
CIELab	70.75, 1.72, 71.32
CIELCh	71, 71.343, 88.617
Yxy	41.8295, 0.4546, 0.4718
Android (android.graphics.Color)	4291864850 (0xFFD0A912)
YUV	163.4470, -71.7054, 39.0730
Hunter-Lab	64.6757, -1.9312, 39.2945

Details

The Hex color **D0A912** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **1239D0**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFE054**, and **957500** is the 20% darker color. If you saturate the color by 10%, you get **D0A500**, and if you desaturate by 10%, it is **D0AD27**.

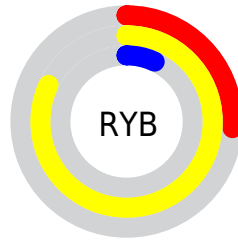
Distribution



Red (82%)

Green (66%)

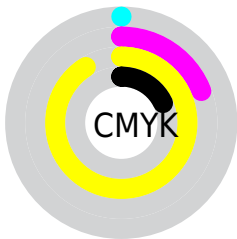
Blue (7%)



Red (26%)

Yellow (82%)

Blue (7%)

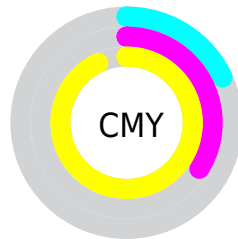


Cyan (0%)

Magenta (19%)

Yellow (91%)

Black (18%)



Cyan (18%)

Magenta (34%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0A912 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 D0A912 by changing the saturation by 10% instead.

 D0A912

 D0A912

FFFFFF

 B28F00

 FFE054

 957500

 FFFC70

 785D00

 FFFF8C

 5C4600

 FFFFA8

 413000

 FFFFC5

 271B00

 FFFF8C

 090100

 000000

 D0A912

 D0A912

 D0A500

 D0AD27

 D0B23C

 D0B650

 D0BA65

 D0BE7A

 D0C38F

 D0C7A4

 D0CBB8

 D0CFCD

Harmonies

Analogous

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



FF8F3B



D0A912



90BB2D

Triad

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



D0A912



00CBEA



F880F2

Complementary

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



D0A912



1239D0

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.



A69DFF



D0A912



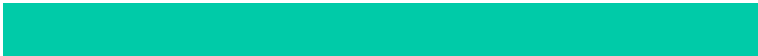
00C5FF

Square

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



D0A912



00CBA8



00B6FF



FF6DB3

Rectangle

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



D0A912



57C351



00B6FF



E38AFF

Sweetspot

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



D0A912



FFF1BA



D0123B



807757



000000



808080

Same Dimension

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



D0A912



FFCB00



9AD012



69665E



A88600



292000

Inverse Universe

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



1239D0



0034FF



4812D0



5E6069



0023A8



000829

Previews

White Background



This preview shows how the Hex color D0A912 looks on a white background.

Color Contrast Check

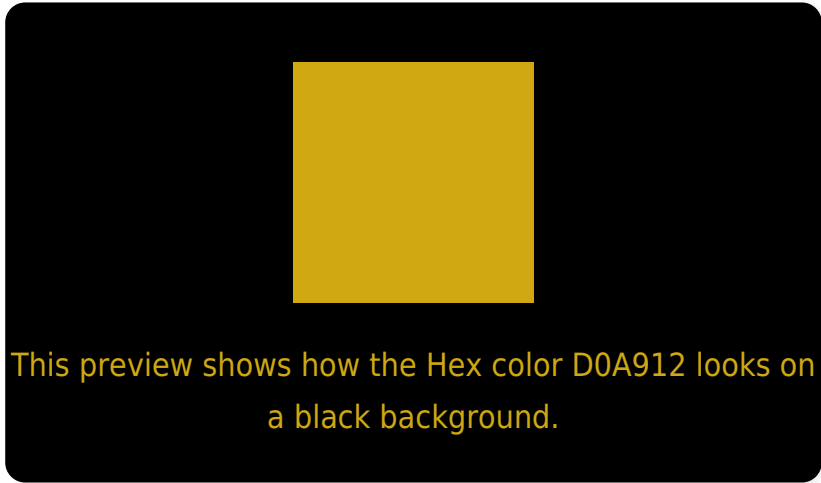
Large Text (above 18pt) WCAG AA × Fail

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 D0A912 Background



This preview shows how black text looks on a background with the Hex color D0A912.



This preview shows how white text looks on a background with the Hex color D0A912.

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
D0A912

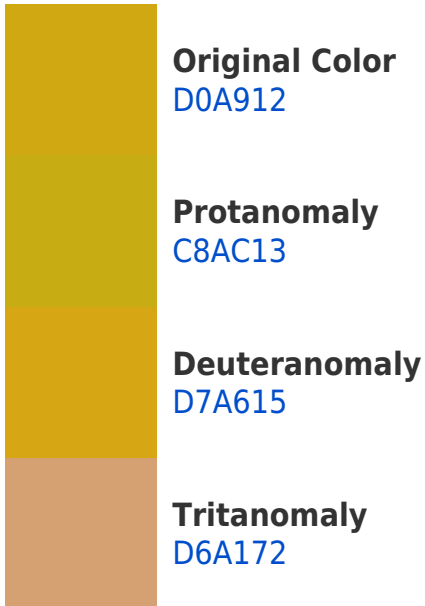
Protanopia
C3AE14

Deuteranopia
DBA417

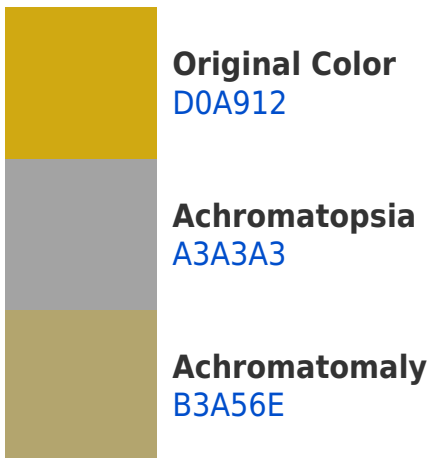


Tritanopia
D99DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0A912 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 #D0A912 looks like.

```
.text, #text, p{  
    color:#D0A912  
}
```

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 #D0A912 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0A912
}
```

Border

The CSS property to change the border of an element to Hex D0A912 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
#D0A912 }
```

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

```
.border{ border-color:#D0A912 }
```

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

Here you see how a box with a 4 pixel #D0A912 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0A912; -webkit-box-shadow:4px 4px  
4px 4px #D0A912; box-shadow:4px 4px 4px  
4px #D0A912 }
```

Background

The CSS property to change the background color of an element to Hex D0A912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0A912 }
```

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

```
.background{ background-color:#D0A912 }
```

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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