

# Converting Colors

Hex(D1AC12)

Have a look what the booklet for  
Hex(D1AC12) contains.

|  |    |
|--|----|
| <b>Hex(D1AC12)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Hex(D1AC12)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D1AC12                      |
| RGB         | 209, 172, 18                |
| RGB Percent | 82%, 67%, 7%                |
| CMY         | 0.1804, 0.3255, 0.9294      |
| CMYK        | 0.00, 0.18, 0.91, 0.18      |
| HSL         | 48°, 84%, 45%               |
| HSV         | 48°, 91%, 82%               |
| XYZ         | 41.1562, 43.1040, 6.7230    |
| YIQ         | 165.5070, 71.4860, -40.0500 |

# Conversions

## Conversions Part 2

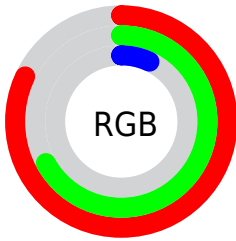
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 64, 209, 18                    |
| Decimal                             | 13741074                       |
| CIELab                              | 71.63, 0.57, 72.03             |
| CIELCh                              | 72, 72.031, 89.543             |
| Yxy                                 | 43.1040, 0.4523,<br>0.4738     |
| Android<br>(android.graphics.Color) | 4291931154<br>(0xFFD1AC12)     |
| YUV                                 | 165.5070, -72.7210,<br>38.1434 |
| Hunter-Lab                          | 65.6537, -2.9979,<br>39.8862   |

# Details

The Hex color **D1AC12** 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 **1237D1**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFE355**, and **967800** is the 20% darker color. If you saturate the color by 10%, you get **D1A900**, and if you desaturate by 10%, it is **D1B027**.

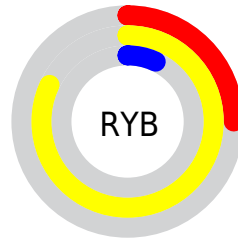
# Distribution



Red (82%)

Green (67%)

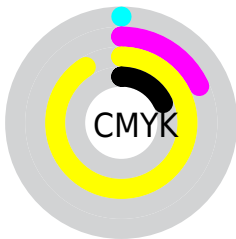
Blue (7%)



Red (25%)

Yellow (82%)

Blue (7%)

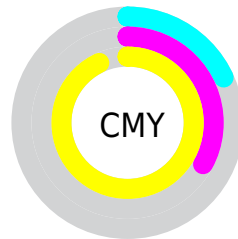


Cyan (0%)

Magenta (18%)

Yellow (91%)

Black (18%)



Cyan (18%)

Magenta (33%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1AC12 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 D1AC12 by changing the saturation by 10% instead.



 D1AC12

 D1AC12

FFFFFF

 B39200

 FFE355

 967800

 FFFF71

 796000

 FFFF8D

 5D4800

 FFFFA9

 423200

 FFFFC6

 281E00

 FFFF E3

 0B0500

 000000

 D1AC12

 D1AC12

 D1A900

 D1B027

 D1B43C

 D1B851

 D1BC66

 D1C07B

 D1C48F

 D1C8A4

 D1CCB9

 D1D0CE

# Harmonies

## Analogous

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



FF923B



D1AC12



90BE2F

# Triad

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



D1AC12



00CEEF



FD81F3

# Complementary

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



D1AC12



1237D1

# 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.



AC9EFF



D1AC12



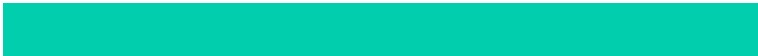
00C7FF

# Square

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



D1AC12



00CEAC



00B7FF



FF6FB3

# Rectangle

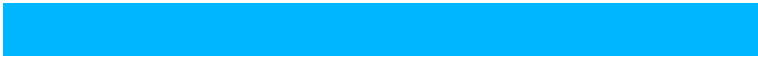
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D1AC12



55C654



00B7FF



E88BFF



# Sweetspot

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



D1AC12



FFF2BA



D11238



807857



000000



808080



# Same Dimension

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



D1AC12



FFCE00



98D112



69675E



A88800



292100



# Inverse Universe

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



1237D1



0031FF



4B12D1



5E6069



0021A8



000829



# Previews

## White Background



This preview shows how the Hex color D1AC12 looks on a white background.

## Color Contrast Check

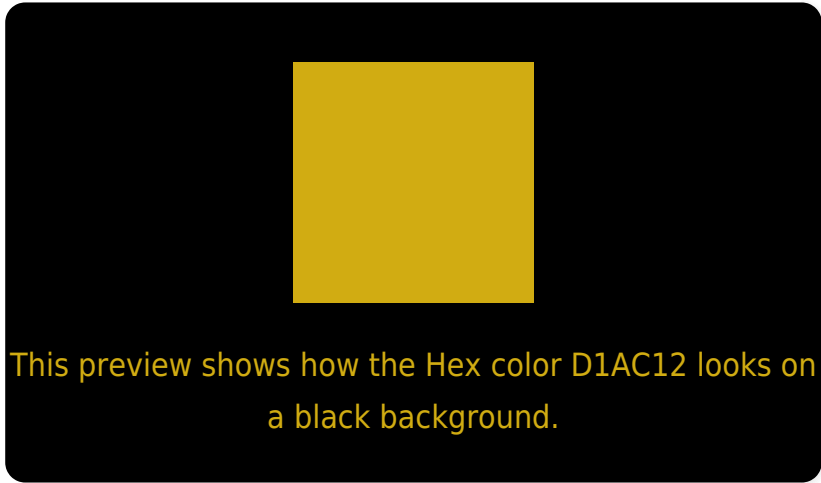
Large Text (above 18pt) WCAG AA × Fail

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 D1AC12 Background



This preview shows how black text looks on a background with the Hex color D1AC12.



This preview shows how white text looks on a background with the Hex color D1AC12.

# 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**  
D1AC12

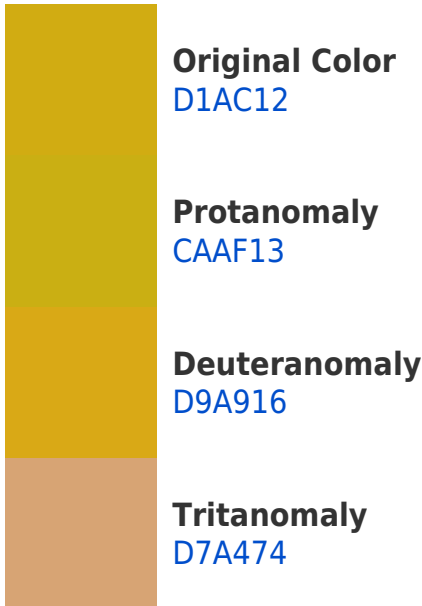
**Protanopia**  
C6B014

**Deuteranopia**  
DEA718

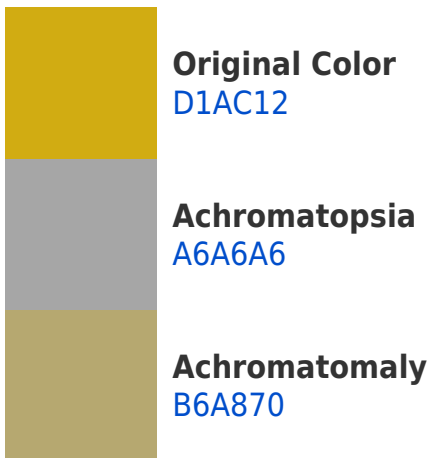


**Tritanopia**  
DAA0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1AC12 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 #D1AC12 looks like.

```
.text, #text, p{  
    color:#D1AC12  
}
```

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 #D1AC12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1AC12
}
```

## Border

The CSS property to change the border of an element to Hex D1AC12 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
#D1AC12 }
```

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

```
.border{ border-color:#D1AC12 }
```

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

Here you see how a box with a 4 pixel #D1AC12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1AC12; -webkit-box-shadow:4px 4px  
4px 4px #D1AC12; box-shadow:4px 4px 4px  
4px #D1AC12 }
```

# Background

The CSS property to change the background color of an element to Hex D1AC12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1AC12 }
```

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

```
.background{ background-color:#D1AC12 }
```

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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