

# Converting Colors

Hex(D1A12A)

Have a look what the booklet for  
Hex(D1A12A) contains.

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**Color**

**Hex(D1A12A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1A12A
RGB	209, 161, 42
RGB Percent	82%, 63%, 16%
CMY	0.1804, 0.3686, 0.8353
CMYK	0.00, 0.23, 0.80, 0.18
HSL	43°, 67%, 49%
HSV	43°, 80%, 82%
XYZ	39.4573, 39.2122, 7.6796
YIQ	161.7860, 66.8070, -26.8330

# Conversions

## Conversions Part 2

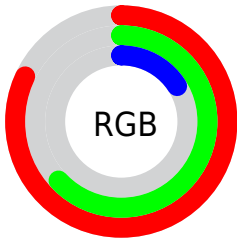
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 209, 42
Decimal	13738282
CIE <sub>Lab</sub>	68.90, 7.02, 63.75
CIE <sub>LCh</sub>	69, 64.140, 83.713
Yxy	39.2122, 0.4570, 0.4541
Android (android.graphics.Color)	4291928362 (0xFFD1A12A)
YUV	161.7860, -59.0545, 41.4067
Hunter-Lab	62.6197, 2.8903, 36.5625

# Details

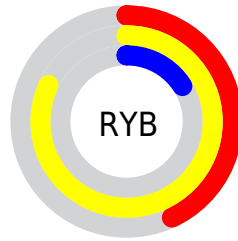
The Hex color **D1A12A** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **2A5AD1**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFD762**, and **966E00** is the 20% darker color. If you saturate the color by 10%, you get **D19B15**, and if you desaturate by 10%, it is **D1A73F**.

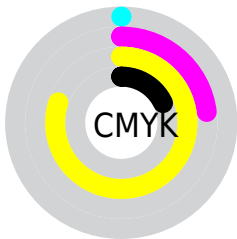
# Distribution



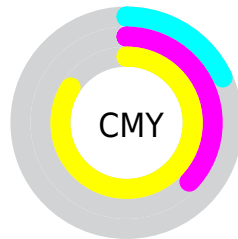
- Red (82%)
- Green (63%)
- Blue (16%)



- Red (43%)
- Yellow (82%)
- Blue (16%)



- Cyan (0%)
- Magenta (23%)
- Yellow (80%)
- Black (18%)



- Cyan (18%)
- Magenta (37%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1A12A 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 D1A12A by changing the saturation by 10% instead.



 D1A12A

 D1A12A

FFFFFF

 B38702

 FFD762

 966E00

 FFF47D

 795600

 FFFF98

 5D3F00

 FFFFB4

 422900

 FFFFD1

 281500

 FFFFEE

 060000

 000000

 D1A12A

 D1A12A

 D19B15

 D1A73F

 D19500

 D1AD54

 D1B369

 D1B97E

 D1BF93

 D1C5A7

 D1CBBC

 D1D1D1

 D1D7E6

# Harmonies

## Analogous

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



FB8A4B



D1A12A



9AB333

# Triad

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



D1A12A



00C4D5



E385EE

# Complementary

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



D1A12A



2A5AD1

# 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.



939EFF



D1A12A



00BFFF

# Square

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



D1A12A



00C39A



00B2FF



FF73B7

# Rectangle

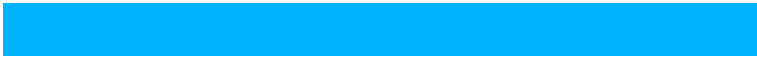
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D1A12A



6CBB4F



00B2FF



CD8DFD



# Sweetspot

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



D1A12A



FFEDC2



D12A5C



80755B



000000



808080



# Same Dimension

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



D1A12A



FFB90A



B0D12A



69665E



A87800



291D00



# Inverse Universe

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



2A5AD1



0A51FF



4B2AD1



5E6169



0030A8



000C29



# Previews

## White Background



This preview shows how the Hex color D1A12A looks on a white background.

## Color Contrast Check

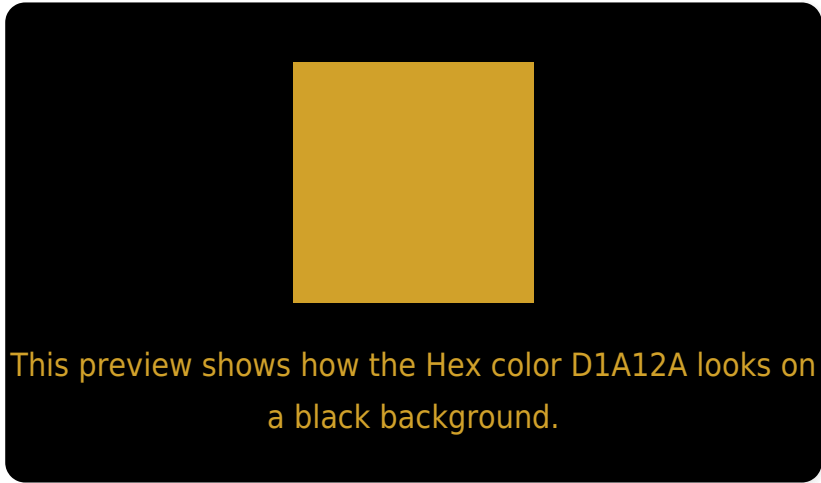
Large Text (above 18pt) WCAG AA × Fail

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 D1A12A Background



This preview shows how black text looks on a background with the Hex color D1A12A.



This preview shows how white text looks on a background with the Hex color D1A12A.

# 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**  
D1A12A

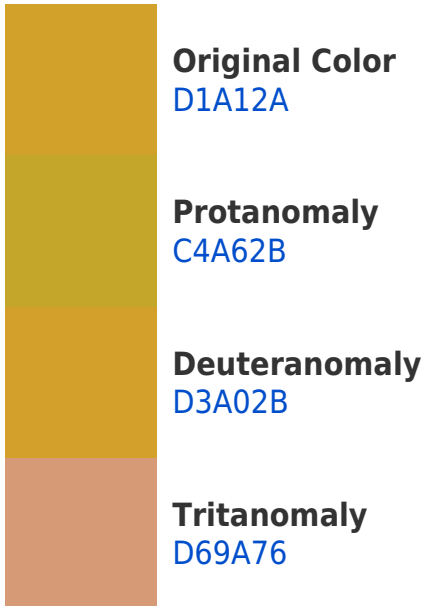
**Protanopia**  
BDA92C

**Deuteranopia**  
D4A02B



**Tritanopia**  
D996A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1A12A 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 #D1A12A looks like.

```
.text, #text, p{  
    color:#D1A12A  
}
```

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 #D1A12A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1A12A
}
```

## Border

The CSS property to change the border of an element to Hex D1A12A 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
#D1A12A }
```

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

```
.border{ border-color:#D1A12A }
```

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

Here you see how a box with a 4 pixel #D1A12A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1A12A; -webkit-box-shadow:4px 4px  
4px 4px #D1A12A; box-shadow:4px 4px 4px  
4px #D1A12A }
```

# Background

The CSS property to change the background color of an element to Hex D1A12A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1A12A }
```

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

```
.background{ background-color:#D1A12A }
```

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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