

Converting Colors

Hex(D09B12)

Have a look what the booklet for
Hex(D09B12) contains.

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Color

Hex(D09B12)

Conversions

Conversions Part 1

Format	Color
Hex	D09B12
RGB	208, 155, 18
RGB Percent	82%, 61%, 7%
CMY	0.1843, 0.3922, 0.9294
CMYK	0.00, 0.25, 0.91, 0.18
HSL	43°, 84%, 44%
HSV	43°, 91%, 82%
XYZ	37.8430, 36.8963, 5.6994
YIQ	155.2290, 75.5650, -31.3710

Conversions

Conversions Part 2

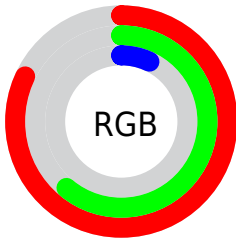
Format	Color
R _Y B	92, 208, 18
Decimal	13671186
CIE Lab	67.20, 9.22, 68.63
CIE LCh	67, 69.248, 82.351
Yxy	36.8963, 0.4705, 0.4587
Android (android.graphics.Color)	4291861266 (0xFFD09B12)
YUV	155.2290, -67.6539, 46.2802
Hunter-Lab	60.7423, 4.9080, 36.9565

Details

The Hex color **D09B12** 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 **1247D0**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFD152**, and **946800** is the 20% darker color. If you saturate the color by 10%, you get **D09600**, and if you desaturate by 10%, it is **D0A127**.

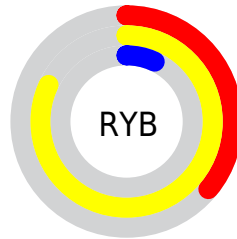
Distribution



Red (82%)

Green (61%)

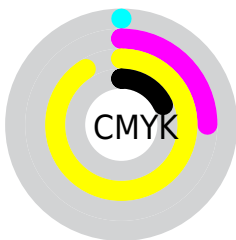
Blue (7%)



Red (36%)

Yellow (82%)

Blue (7%)

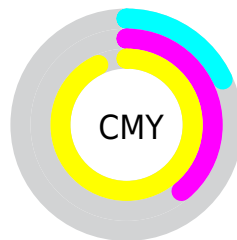


Cyan (0%)

Magenta (25%)

Yellow (91%)

Black (18%)



Cyan (18%)

Magenta (39%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color D09B12 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 D09B12 by changing the saturation by 10% instead.

 D09B12

 D09B12

FFFFFF

 B28100

 FFD152

 946800

 FFED6D

 775000

 FFFF89

 5B3A00

 FFFFA5

 402400

 FFFFC1

 271000

 FFFFDE

 000000

 FFFFFC

 D09B12

 D09B12

 D09600

 D0A127

 D0A73C

 D0AC50

 D0B265

 D0B87A

 D0BE8F

 D0C4A4

 D0C9B8

 D0CFCD

Harmonies

Analogous

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



FC8141



D09B12



96AE1D

Triad

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



D09B12



00C1D1



DF7EF1

Complementary

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



D09B12



1247D0

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.



849AFF



D09B12



00BCFF

Square

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



D09B12



00C091



00B0FF



FF68B6

Rectangle

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



D09B12



64B740



00B0FF



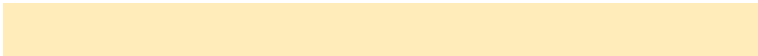
C787FF

Sweetspot

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



D09B12



FFECBA



D01248



807457



000000



808080

Same Dimension

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



D09B12



FFB800



A7D012



69665E



A87900



291D00

Inverse Universe

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



1247D0



0047FF



3B12D0



5E6169



002FA8



000B29

Previews

White Background



This preview shows how the Hex color D09B12 looks on a white background.

Color Contrast Check

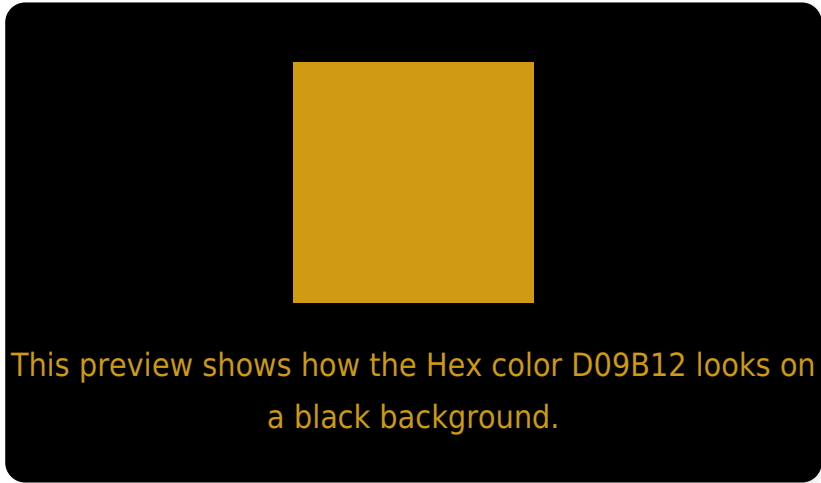
Large Text (above 18pt) WCAG AA × Fail

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 D09B12 Background



This preview shows how black text looks on a background with the Hex color D09B12.



This preview shows how white text looks on a background with the Hex color D09B12.

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
D09B12

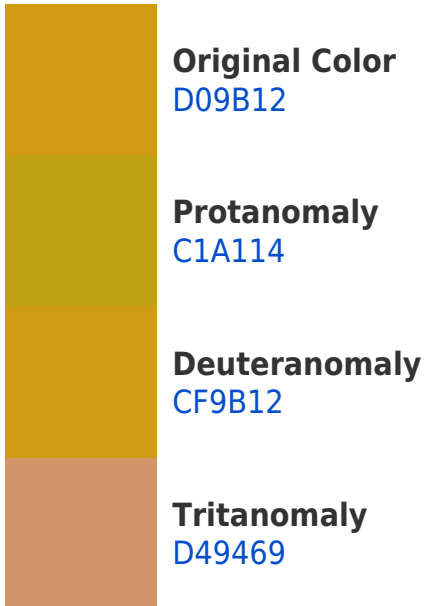
Protanopia
B9A415

Deuteranopia
CF9B12

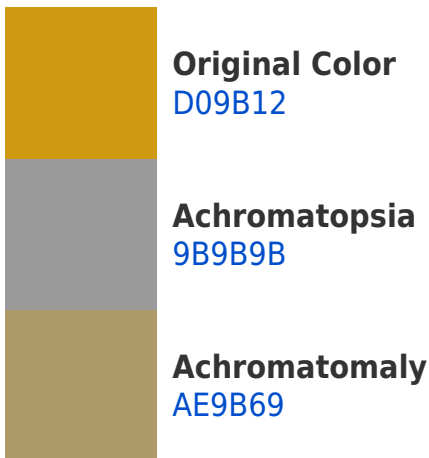


Tritanopia
D7909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D09B12 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 #D09B12 looks like.

```
.text, #text, p{  
    color:#D09B12  
}
```

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 #D09B12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D09B12
}
```

Border

The CSS property to change the border of an element to Hex D09B12 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
#D09B12 }
```

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

```
.border{ border-color:#D09B12 }
```

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

Here you see how a box with a 4 pixel #D09B12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D09B12; -webkit-box-shadow:4px 4px  
4px 4px #D09B12; box-shadow:4px 4px 4px  
4px #D09B12 }
```

Background

The CSS property to change the background color of an element to Hex D09B12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D09B12 }
```

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

```
.background{ background-color:#D09B12 }
```

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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