

Converting Colors

Hex(D09C2F)

Have a look what the booklet for
Hex(D09C2F) contains.

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Color

Hex(D09C2F)

Conversions

Conversions Part 1

Format	Color
Hex	D09C2F
RGB	208, 156, 47
RGB Percent	82%, 61%, 18%
CMY	0.1843, 0.3882, 0.8157
CMYK	0.00, 0.25, 0.77, 0.18
HSL	41°, 63%, 50%
HSV	41°, 77%, 82%
XYZ	38.4140, 37.3921, 7.8821
YIQ	159.1220, 65.9810, -22.8750

Conversions

Conversions Part 2

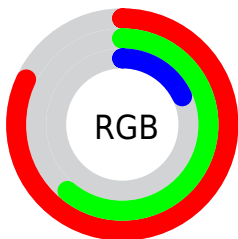
Format	Color
RYB	124, 208, 47
Decimal	13671471
CIELab	67.57, 9.46, 60.73
CIELCh	68, 61.465, 81.147
Yxy	37.3921, 0.4590, 0.4468
Android (android.graphics.Color)	4291861551 (0xFFD09C2F)
YUV	159.1220, -55.2761, 42.8660
Hunter-Lab	61.1491, 5.1233, 35.1619

Details

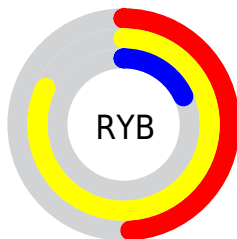
The Hex color **D09C2F** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **2F63D0**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFD265**, and **956900** is the 20% darker color. If you saturate the color by 10%, you get **D0951A**, and if you desaturate by 10%, it is **D0A344**.

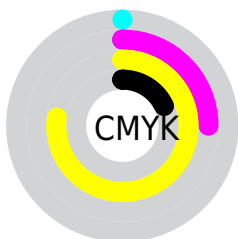
Distribution



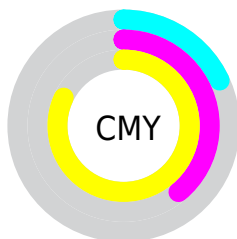
- Red (82%)
- Green (61%)
- Blue (18%)



- Red (49%)
- Yellow (82%)
- Blue (18%)



- Cyan (0%)
- Magenta (25%)
- Yellow (77%)
- Black (18%)



- Cyan (18%)
- Magenta (39%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color D09C2F 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 D09C2F by changing the saturation by 10% instead.

 D09C2F

 D09C2F

FFFFFF

 B2820E

 FFD265

 956900

 FFEE80

 785100

 FFFF9B

 5C3A00

 FFFFB7

 412500

 FFFFD4

 281100

 FFFFF1

 000000

 D09C2F

 D09C2F

 D0951A

 D0A344

 D08F05

 D0A959

 D08D00

 D0B06D

 D0B782

 D0BE97

 D0C4AC

 D0CBC1

 D0D2D5

 D0D8EA

Harmonies

Analogous

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



F7864F



D09C2F



9CAD34

Triad

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



D09C2F



00BFCB



D885EB

Complementary

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



D09C2F



2F63D0

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.



899DFF



D09C2F



00BBFA

Square

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



D09C2F



00BE92



00B0FF



FF73B7

Rectangle

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



D09C2F



72B64C



00B0FF



C28DF9

Sweetspot

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



D09C2F



FFECC4



D02F65



80745C



000000



808080

Same Dimension

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



D09C2F



FFB212



B5D02F



69655E



A87200



291C00

Inverse Universe

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



2F63D0



125EFF



4A2FD0



5E6169



0036A8



000D29

Previews

White Background



This preview shows how the Hex color D09C2F looks on a white background.

Color Contrast Check

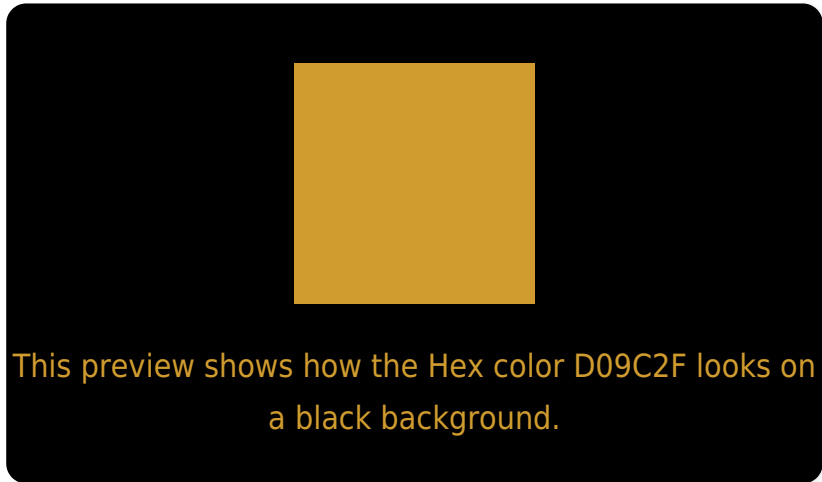
Large Text (above 18pt) WCAG AA × Fail

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 D09C2F Background



This preview shows how black text looks on a background with the Hex color D09C2F.



This preview shows how white text looks on a background with the Hex color D09C2F.

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
D09C2F

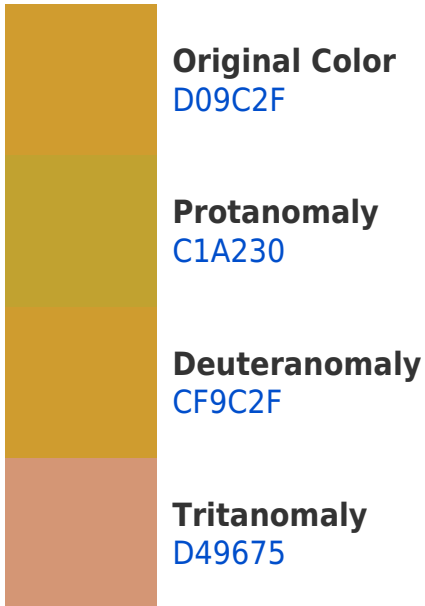
Protanopia
B9A531

Deuteranopia
CF9C2F

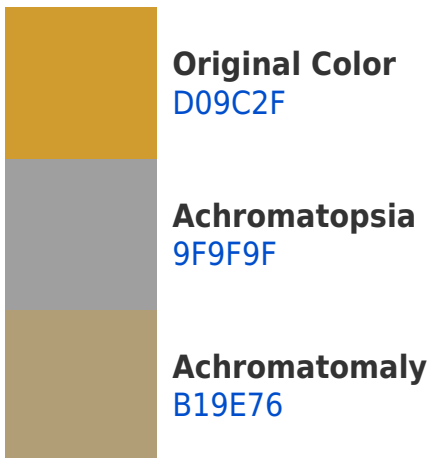


Tritanopia
D7929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D09C2F 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 #D09C2F looks like.

```
.text, #text, p{  
    color:#D09C2F  
}
```

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 #D09C2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D09C2F
}
```

Border

The CSS property to change the border of an element to Hex D09C2F 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
#D09C2F }
```

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

```
.border{ border-color:#D09C2F }
```

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

Here you see how a box with a 4 pixel #D09C2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D09C2F; -webkit-box-shadow:4px 4px  
4px 4px #D09C2F; box-shadow:4px 4px 4px  
4px #D09C2F }
```

Background

The CSS property to change the background color of an element to Hex D09C2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D09C2F }
```

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

```
.background{ background-color:#D09C2F }
```

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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