

Converting Colors

Hex(C09D2D)

Have a look what the booklet for
Hex(C09D2D) contains.

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Color

Hex(C09D2D)

Conversions

Conversions Part 1

Format	Color
Hex	C09D2D
RGB	192, 157, 45
RGB Percent	75%, 62%, 18%
CMY	0.2471, 0.3843, 0.8235
CMYK	0.00, 0.18, 0.77, 0.25
HSL	46°, 62%, 46%
HSV	46°, 77%, 75%
XYZ	34.2689, 35.5099, 7.5306
YIQ	154.6970, 56.8120, -27.4120

Conversions

Conversions Part 2

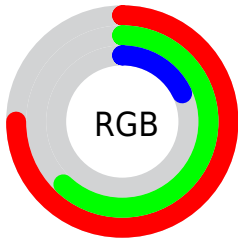
Format	Color
RYB	91, 192, 45
Decimal	12623149
CIELab	66.14, 1.80, 59.53
CIElCh	66, 59.559, 88.267
Yxy	35.5099, 0.4433, 0.4593
Android (android.graphics.Color)	4290813229 (0xFFC09D2D)
YUV	154.6970, -54.0806, 32.7147
Hunter-Lab	59.5902, -1.6318, 34.2205

Details

The Hex color **C09D2D** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **2D50C0**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FCD363**, and **866A00** is the 20% darker color. If you saturate the color by 10%, you get **C0981A**, and if you desaturate by 10%, it is **C0A240**.

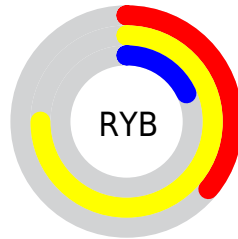
Distribution



Red (75%)

Green (62%)

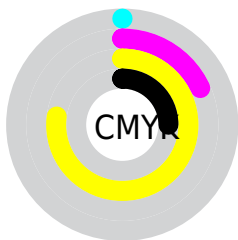
Blue (18%)



Red (36%)

Yellow (75%)

Blue (18%)

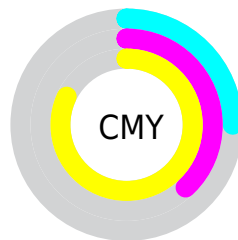


Cyan (0%)

Magenta (18%)

Yellow (77%)

Black (25%)



Cyan (25%)

Magenta (38%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color C09D2D 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 C09D2D by changing the saturation by 10% instead.



C09D2D



C09D2D

FFFFFF



A3830A



FCD363



866A00



FFEF7E



6B5200



FFFF99



4F3C00



FFFFB5



352600



FFFFD2



1C1200



FFFFEF



000000



C09D2D



C09D2D



C0981A



C0A240

 C09407

 C0A653

 C09200

 C0AB67

 C0AF7A

 C0B48D

 C0B8A0

 C0BDB3

 C0C2C7

 C0C6DA

Harmonies

Analogous

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



E98945



C09D2D



8BAC3B

Triad

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



C09D2D



00BAD2



DF7EDA

Complementary

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



C09D2D



2D50C0

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.



9C94FF



C09D2D



00B4FB

Square

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



C09D2D



00BA9C



00A8FF



FF70A6

Rectangle

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



C09D2D



5FB356



00A8FF



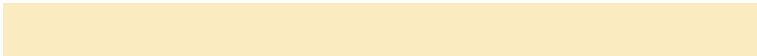
CD85E9

Sweetspot

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



C09D2D



FAECC0



C02D52



7D755A



FCFCFC



7D7D7D

Same Dimension

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



C09D2D



FAC314



9BC02D



615F57



A17A00



211900

Inverse Universe

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



2D50C0



144BFA



522DC0



575A61



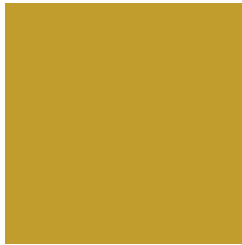
0026A1



000821

Previews

White Background



This preview shows how the Hex color C09D2D looks on a white background.

Color Contrast Check

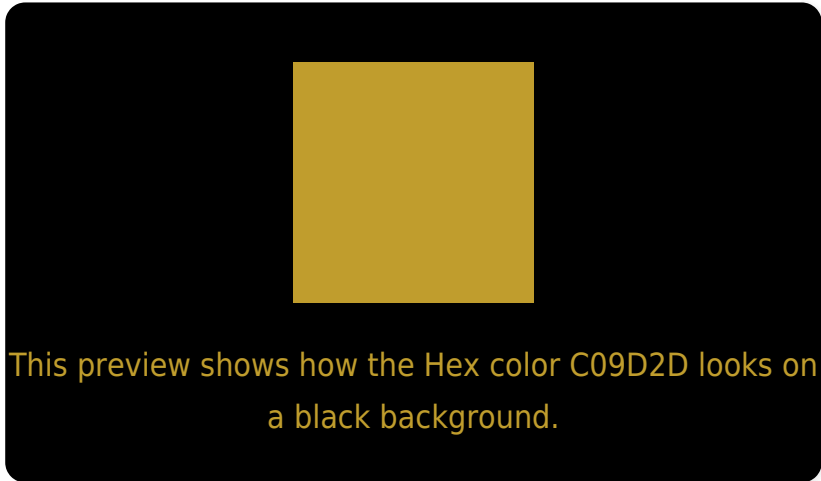
Large Text (above 18pt) WCAG AA × Fail

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 C09D2D Background



This preview shows how black text looks on a background with the Hex color C09D2D.

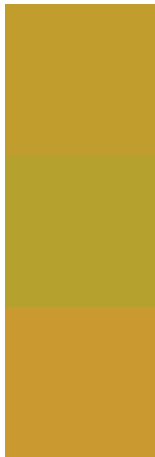


This preview shows how white text looks on a background with the Hex color C09D2D.

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
C09D2D

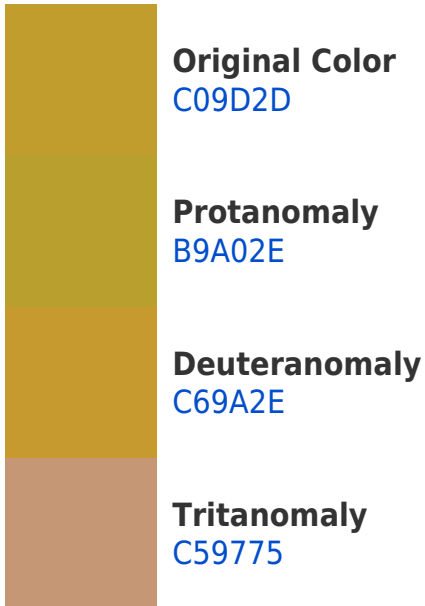
Protanopia
B5A12E

Deuteranopia
CA992F



Tritanopia
C8939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C09D2D 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 #C09D2D looks like.

```
.text, #text, p{  
    color:#C09D2D  
}
```

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 #C09D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C09D2D
}
```

Border

The CSS property to change the border of an element to Hex C09D2D 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
#C09D2D }
```

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

```
.border{ border-color:#C09D2D }
```

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

Here you see how a box with a 4 pixel #C09D2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C09D2D; -webkit-box-shadow:4px 4px  
4px 4px #C09D2D; box-shadow:4px 4px 4px  
4px #C09D2D }
```

Background

The CSS property to change the background color of an element to Hex C09D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C09D2D }
```

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

```
.background{ background-color:#C09D2D }
```

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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