

Converting Colors

Hex(D09B4E)

Have a look what the booklet for
Hex(D09B4E) contains.

Hex(D09B4E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D09B4E)

Conversions

Conversions Part 1

Format	Color
Hex	D09B4E
RGB	208, 155, 78
RGB Percent	82%, 61%, 31%
CMY	0.1843, 0.3922, 0.6941
CMYK	0.00, 0.25, 0.62, 0.18
HSL	36°, 58%, 56%
HSV	36°, 62%, 82%
XYZ	39.1089, 37.4026, 12.3659
YIQ	162.0690, 56.3050, -12.7110

Conversions

Conversions Part 2

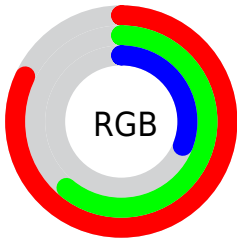
Format	Color
RYB	167, 208, 78
Decimal	13671246
CIELab	67.58, 11.64, 47.25
CIELCh	68, 48.659, 76.158
Yxy	37.4026, 0.4400, 0.4208
Android (android.graphics.Color)	4291861326 (0xFFD09B4E)
YUV	162.0690, -41.4460, 40.2815
Hunter-Lab	61.1577, 7.1206, 30.8221

Details

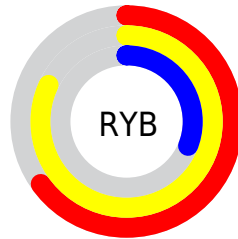
The Hex color **D09B4E** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4E83D0**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFD182**, and **96681B** is the 20% darker color. If you saturate the color by 10%, you get **D09339**, and if you desaturate by 10%, it is **D0A363**.

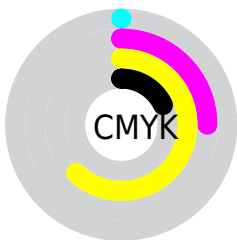
Distribution



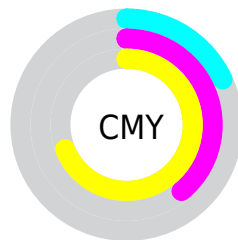
- Red (82%)
- Green (61%)
- Blue (31%)



- Red (65%)
- Yellow (82%)
- Blue (31%)



- Cyan (0%)
- Magenta (25%)
- Yellow (62%)
- Black (18%)



- Cyan (18%)
- Magenta (39%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color D09B4E 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 D09B4E by changing the saturation by 10% instead.

 D09B4E

 D09B4E

FFFFFF

 B38135

 FFD182

 96681B

 FFEE9C

 7A5000

 FFFFB8

 5F3900

 FFFFD4

 432400

 FFFFF0

 2A1000

 030000

 000000

 D09B4E

 D09B4E

 D09339

 D0A363

 D08A24

 D0AC78

 D08210

 D0B48C

 D07B00

 D0BDA1

 D0C5B6

 D0CECB

 D0D6E0

 D0DFF4

 D0E7FF

Harmonies

Analogous

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



ED8B67



D09B4E



A8AA4D

Triad

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



D09B4E



00BBBC



C690E2

Complementary

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



D09B4E



4E83D0

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.



86A1F9



D09B4E



00B8E3

Square

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



D09B4E



2ABA8E



00AFF9



EC82BB

Rectangle

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



D09B4E



88B15B



00AFF9



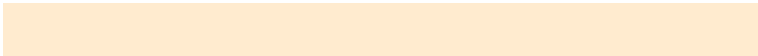
B496EC

Sweetspot

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



D09B4E



FFEBCF



D04E84



807462



000000



808080

Same Dimension

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



D09B4E



FFB140



C5D04E



69645E



A86400



291800

Inverse Universe

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



4E83D0



408EFF



594ED0



5E6269



0045A8



001129

Previews

White Background



This preview shows how the Hex color D09B4E looks on a white background.

Color Contrast Check

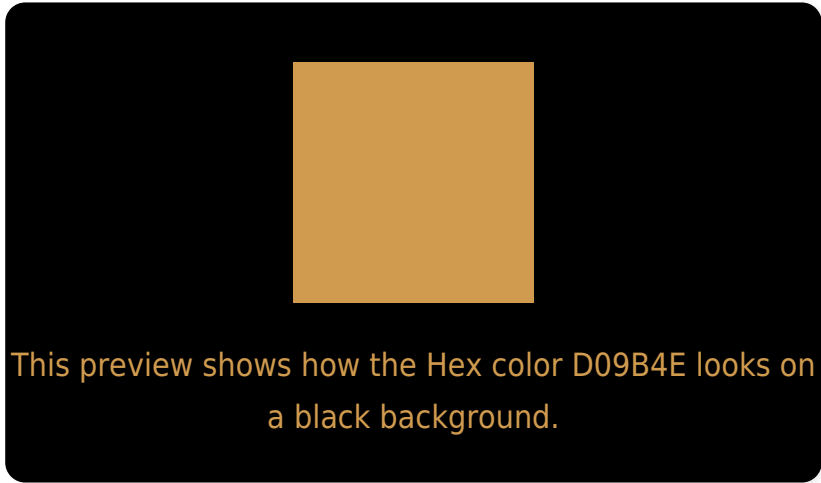
Large Text (above 18pt) WCAG AA × Fail

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 D09B4E Background



This preview shows how black text looks on a background with the Hex color D09B4E.



This preview shows how white text looks on a background with the Hex color D09B4E.

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
D09B4E

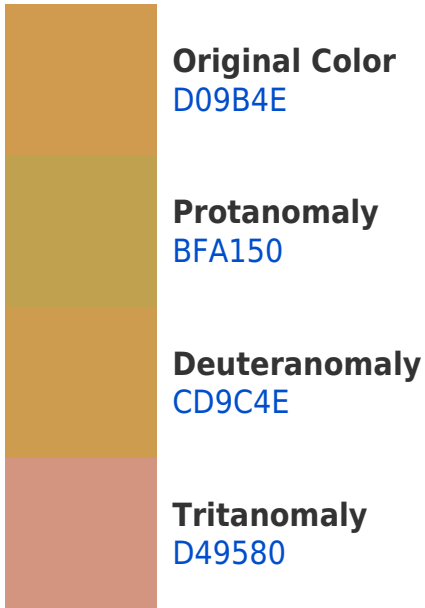
Protanopia
B6A551

Deuteranopia
CC9D4E

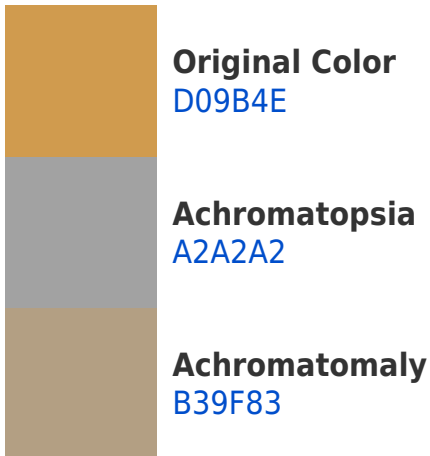


Tritanopia
D6929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D09B4E 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 #D09B4E looks like.

```
.text, #text, p{  
    color:#D09B4E  
}
```

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 #D09B4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D09B4E
}
```

Border

The CSS property to change the border of an element to Hex D09B4E 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
#D09B4E }
```

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

```
.border{ border-color:#D09B4E }
```

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

Here you see how a box with a 4 pixel #D09B4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D09B4E; -webkit-box-shadow:4px 4px  
4px 4px #D09B4E; box-shadow:4px 4px 4px  
4px #D09B4E }
```

Background

The CSS property to change the background color of an element to Hex D09B4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D09B4E }
```

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

```
.background{ background-color:#D09B4E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor