

Converting Colors

Hex(D9A34A)

Have a look what the booklet for
Hex(D9A34A) contains.

Hex(D9A34A)	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(D9A34A)

Conversions

Conversions Part 1

Format	Color
Hex	D9A34A
RGB	217, 163, 74
RGB Percent	85%, 64%, 29%
CMY	0.1490, 0.3608, 0.7098
CMYK	0.00, 0.25, 0.66, 0.15
HSL	37°, 65%, 57%
HSV	37°, 66%, 85%
XYZ	42.9485, 41.4405, 12.2138
YIQ	169.0000, 60.7530, -16.2310

Conversions

Conversions Part 2

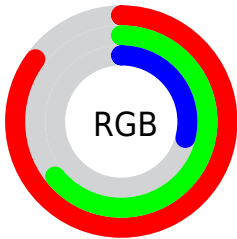
Format	Color
RYB	161, 217, 74
Decimal	14263114
CIELab	70.48, 10.91, 52.65
CIELCh	70, 53.772, 78.294
Yxy	41.4405, 0.4446, 0.4290
Android (android.graphics.Color)	4292453194 (0xFFD9A34A)
YUV	169.0000, -46.8350, 42.0960
Hunter-Lab	64.3743, 6.4345, 33.8129

Details

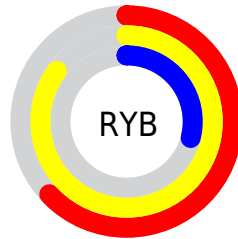
The Hex color **D9A34A** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4A80D9**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFDA7E**, and **9E7014** is the 20% darker color. If you saturate the color by 10%, you get **D99B34**, and if you desaturate by 10%, it is **D9AB60**.

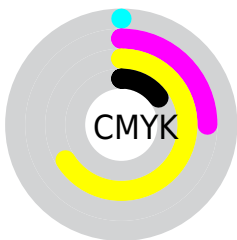
Distribution



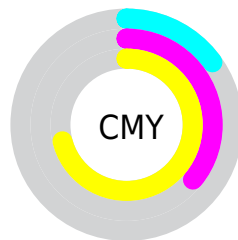
- Red (85%)
- Green (64%)
- Blue (29%)



- Red (63%)
- Yellow (85%)
- Blue (29%)



- Cyan (0%)
- Magenta (25%)
- Yellow (66%)
- Black (15%)



- Cyan (15%)
- Magenta (36%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9A34A 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 D9A34A by changing the saturation by 10% instead.

 D9A34A

 D9A34A

FFFFFF

 BB8930

 FFDA7E

 9E7014

 FFF699

 825700

 FFFFB5

 664000

 FFFFDD

 4A2A00

 FFFFED

 301600

 190000

 000000

 D9A34A

 D9A34A

 D99B34

 D9AB60

 D9931F

 D9B375

 D98A09

 D9BC8B

 D98700

 D9C4A1

 D9CCB6

 D9D4CC

 D9DCE2

 D9E5F8

 D9EDFF

Harmonies

Analogous

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



FA9165



D9A34A



ABB34B

Triad

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



D9A34A



00C5CA



D594EE

Complementary

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



D9A34A



4A80D9

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.



8FA7FF



D9A34A



00C1F4

Square

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



D9A34A



00C497



00B7FF



FD85C2

Rectangle

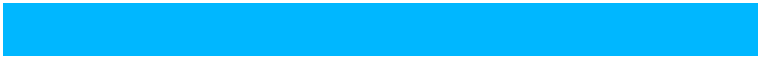
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D9A34A



87BB5C



00B7FF



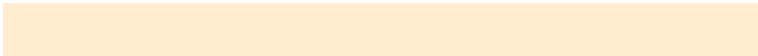
C29AF9

Sweetspot

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



D9A34A



FFECCC



D94A81



807461



000000



808080

Same Dimension

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



D9A34A



FFB336



C8D94A



6E6A63



AD6C00



2E1D00

Inverse Universe

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



4A80D9



3682FF



5B4AD9



63676E



0041AD



00112E

Previews

White Background



This preview shows how the Hex color D9A34A looks on a white background.

Color Contrast Check

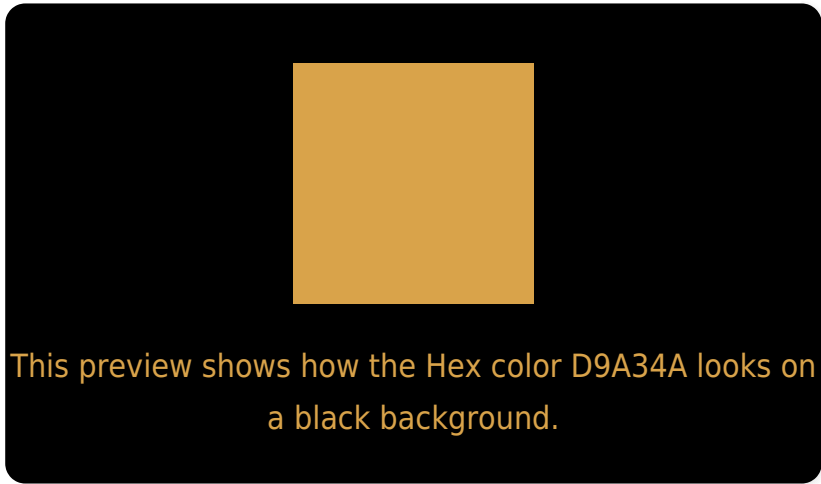
Large Text (above 18pt) WCAG AA × Fail

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

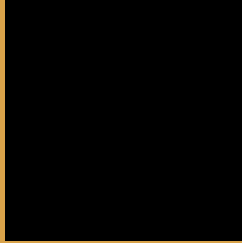
Any Text WCAG AA ✓ Pass

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 D9A34A Background



This preview shows how black text looks on a background with the Hex color D9A34A.

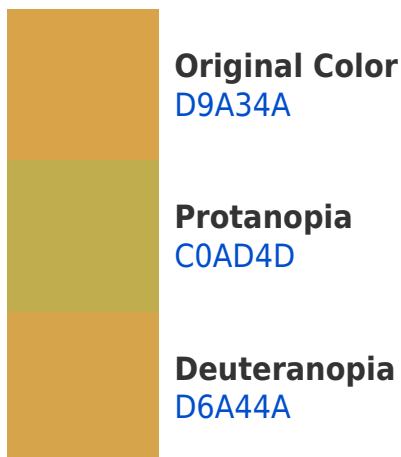


This preview shows how white text looks on a background with the Hex color D9A34A.

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](#).

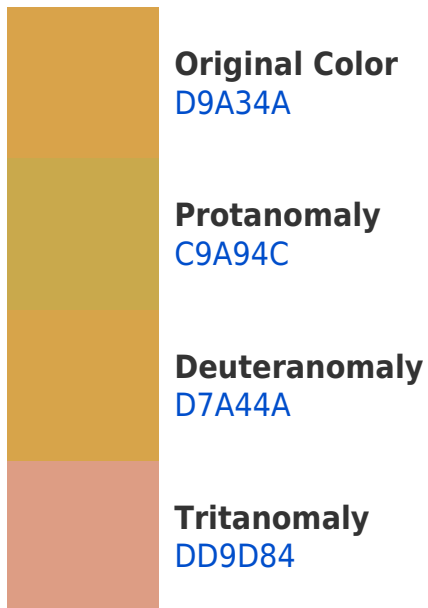
Dichromacy



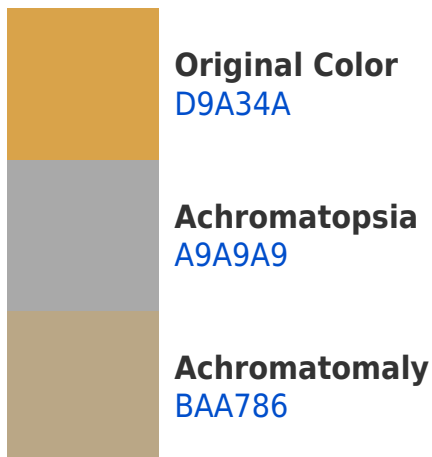


Tritanopia
E099A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D9A34A 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 #D9A34A looks like.

```
.text, #text, p{  
    color:#D9A34A  
}
```

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 #D9A34A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9A34A
}
```

Border

The CSS property to change the border of an element to Hex D9A34A 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
#D9A34A }
```

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

```
.border{ border-color:#D9A34A }
```

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

Here you see how a box with a 4 pixel #D9A34A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9A34A; -webkit-box-shadow:4px 4px  
4px 4px #D9A34A; box-shadow:4px 4px 4px  
4px #D9A34A }
```

Background

The CSS property to change the background color of an element to Hex D9A34A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9A34A }
```

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

```
.background{ background-color:#D9A34A }
```

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