

# Converting Colors

Hex(DAA245)

Have a look what the booklet for  
Hex(DAA245) contains.

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# **Color**

**Hex(DAA245)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAA245
RGB	218, 162, 69
RGB Percent	85%, 64%, 27%
CMY	0.1451, 0.3647, 0.7294
CMYK	0.00, 0.26, 0.68, 0.15
HSL	37°, 67%, 56%
HSV	37°, 68%, 85%
XYZ	42.9080, 41.1758, 11.3164
YIQ	168.1420, 63.2290, -17.0510

# Conversions

## Conversions Part 2

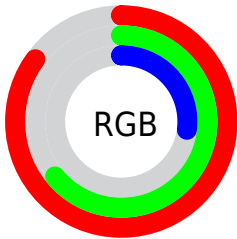
Format	Color
<a href="#">RYB</a>	159, 218, 69
Decimal	14328389
CIELab	70.30, 11.58, 54.76
CIElCh	70, 55.970, 78.054
Yxy	41.1758, 0.4498, 0.4316
Android (android.graphics.Color)	4292518469 (0xFFDAA245)
YUV	168.1420, -48.8770, 43.7255
Hunter-Lab	64.1683, 7.0644, 34.4617

# Details

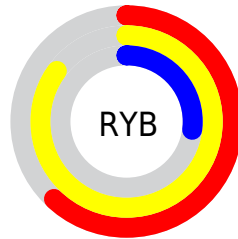
The Hex color **DAA245** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **457DDA**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFD979**, and **9F6F0B** is the 20% darker color. If you saturate the color by 10%, you get **DA9A2F**, and if you desaturate by 10%, it is **DAAA5B**.

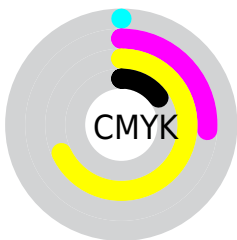
# Distribution



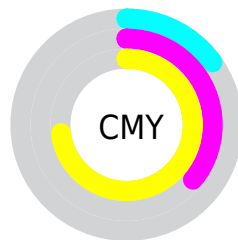
- Red (85%)
- Green (64%)
- Blue (27%)



- Red (62%)
- Yellow (85%)
- Blue (27%)



- Cyan (0%)
- Magenta (26%)
- Yellow (68%)
- Black (15%)



- Cyan (15%)
- Magenta (36%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DAA245 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 DAA245 by changing the saturation by 10% instead.



 DAA245

 DAA245

FFFFFF

 BC882B

 FFD979

 9F6F0B

 FFF594

 825600

 FFFFB0

 663F00

 FFFFCC

 4B2900

 FFFFEE

 311500

 190000

 000000

 DAA245

 DAA245

■ DA9A2F

■ DAAA5B

■ DA9219

■ DAB271

■ DA8904

■ DABB86

■ DA8800

■ DAC39C

■ DACBB2

■ DAD3C8

■ DADBDE

■ DAE4F3

■ DAECFF

# Harmonies

## Analogous

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



FC8F62



DAA245



ABB346

# Triad

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



DAA245



00C5CA



D692F0

# Complementary

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



DAA245



457DDA

# 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.



8CA7FF



DAA245



00C1F6

# Square

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



DAA245



00C495



00B7FF



FF82C2

# Rectangle

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



DAA245



85BB58



00B7FF



C199FC



# Sweetspot

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



DAA245



FFEBC9



DA457E



807460



000000



808080



# Same Dimension

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



DAA245



FFB02E



C9DA45



6E6A63



AD6C00



2E1D00



# Inverse Universe

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



457DDA



2E7CFF



5645DA



63676E



0041AD

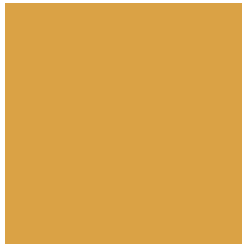


00112E



# Previews

## White Background



This preview shows how the Hex color DAA245 looks on a white background.

## Color Contrast Check

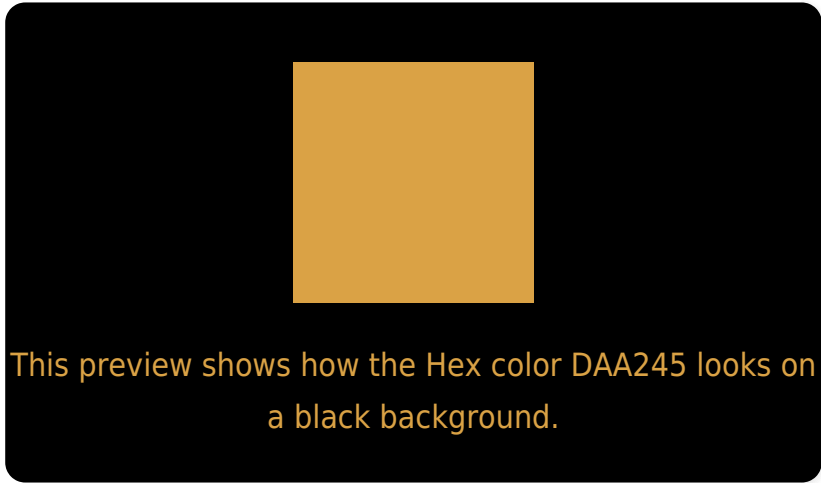
Large Text (above 18pt) WCAG AA × Fail

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 DAA245 Background



This preview shows how black text looks on a background with the Hex color DAA245.

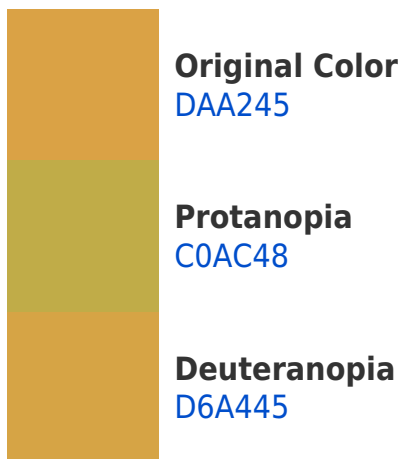


This preview shows how white text looks on a background with the Hex color DAA245.

# 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](#).

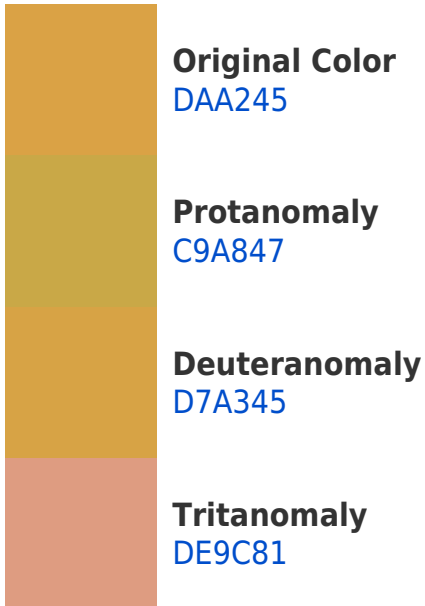
## Dichromacy



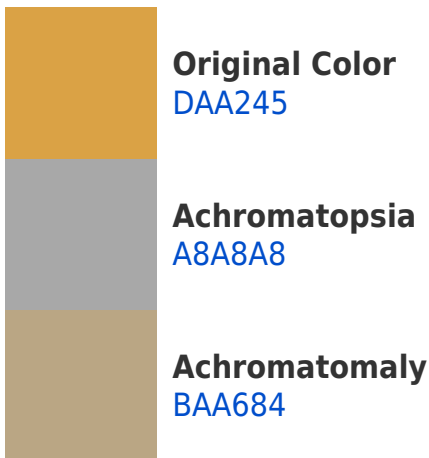


**Tritanopia**  
E198A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DAA245 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 #DAA245 looks like.

```
.text, #text, p{  
    color:#DAA245  
}
```

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 #DAA245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAA245
}
```

## Border

The CSS property to change the border of an element to Hex DAA245 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
#DAA245 }
```

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

```
.border{ border-color:#DAA245 }
```

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

Here you see how a box with a 4 pixel #DAA245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAA245; -webkit-box-shadow:4px 4px  
4px 4px #DAA245; box-shadow:4px 4px 4px  
4px #DAA245 }
```

# Background

The CSS property to change the background color of an element to Hex DAA245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAA245 }
```

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

```
.background{ background-color:#DAA245 }
```

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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