

# Converting Colors

Hex(DAA643)

Have a look what the booklet for  
Hex(DAA643) contains.

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# **Color**

**Hex(DAA643)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAA643
RGB	218, 166, 67
RGB Percent	85%, 65%, 26%
CMY	0.1451, 0.3490, 0.7373
CMYK	0.00, 0.24, 0.69, 0.15
HSL	39°, 67%, 56%
HSV	39°, 69%, 85%
XYZ	43.5628, 42.5831, 11.2335
YIQ	170.2620, 62.7710, -19.7650

# Conversions

## Conversions Part 2

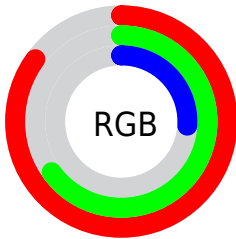
Format	Color
<a href="#">RYB</a>	<a href="#">146, 218, 67</a>
Decimal	<a href="#">14329411</a>
CIELab	<a href="#">71.27, 9.34, 56.66</a>
CIElCh	<a href="#">71, 57.429, 80.644</a>
Yxy	<a href="#">42.5831, 0.4474, 0.4373</a>
Android (android.graphics.Color)	<a href="#">4292519491</a> ( <a href="#">0xFFDAA643</a> )
YUV	<a href="#">170.2620, -50.9082, 41.8662</a>
Hunter-Lab	<a href="#">65.2557, 4.9637, 35.4724</a>

# Details

The Hex color **DAA643** 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 **4377DA**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFDD78**, and **9F7205** is the 20% darker color. If you saturate the color by 10%, you get **DA9E2D**, and if you desaturate by 10%, it is **DAAE59**.

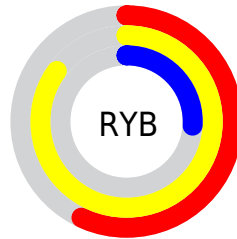
# Distribution



Red (85%)

Green (65%)

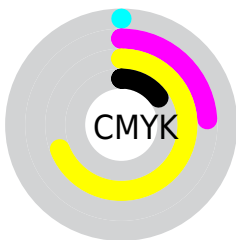
Blue (26%)



Red (57%)

Yellow (85%)

Blue (26%)

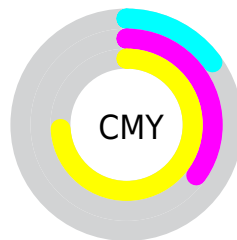


Cyan (0%)

Magenta (24%)

Yellow (69%)

Black (15%)



Cyan (15%)

Magenta (35%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DAA643 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 DAA643 by changing the saturation by 10% instead.



 DAA643

 DAA643

FFFFFF

 BC8C28

 FFDD78

 9F7205

 FFF993

 825A00

 FFFFAE

 674300

 FFFFCA

 4B2D00

 FFFF E7

 311800

 190000

 000000

 DAA643

 DAA643

■ DA9E2D

■ DAAE59

■ DA9717

■ DAB56F

■ DA8F02

■ DABD84

■ DA8F00

■ DAC49A

■ DACCB0

■ DAD3C6

■ DADBDC

■ DAE2F1

■ DAEAFF

# Harmonies

## Analogous

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



FE925F



DAA643



A9B747

# Triad

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



DAA643



00C8D2



DF92F1

# Complementary

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



DAA643



4377DA

# 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.



95A7FF



DAA643



00C4FE

# Square

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



DAA643



00C89C



00B9FF



FF82C1

# Rectangle

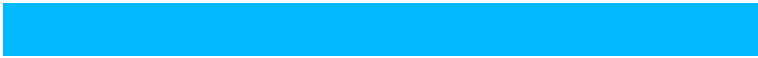
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DAA643



81BF5B



00B9FF



CA99FE

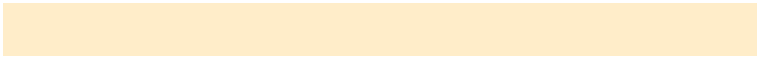


# Sweetspot

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



DAA643



FFEDC9



DA4378



807560



000000



808080



# Same Dimension

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



DAA643



FFB62B



C3DA43



6E6A63



AD7200



2E1E00



# Inverse Universe

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



4377DA



2B74FF



5A43DA



63666E



003CAD



00102E



# Previews

## White Background



This preview shows how the Hex color DAA643 looks on a white background.

## Color Contrast Check

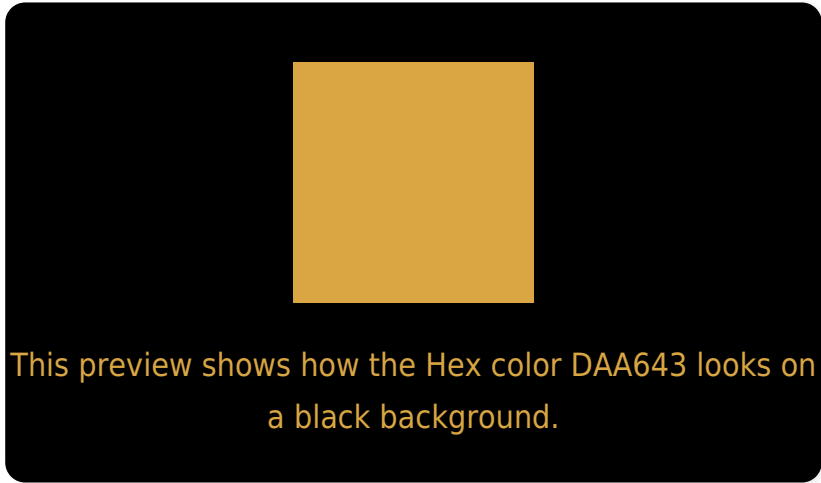
Large Text (above 18pt) WCAG AA × Fail

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 DAA643 Background



This preview shows how black text looks on a background with the Hex color DAA643.



This preview shows how white text looks on a background with the Hex color DAA643.

# 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**  
DAA643

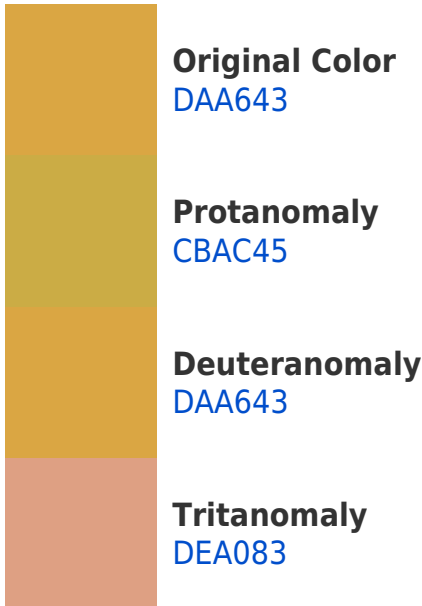
**Protanopia**  
C3AF46

**Deuteranopia**  
DAA643

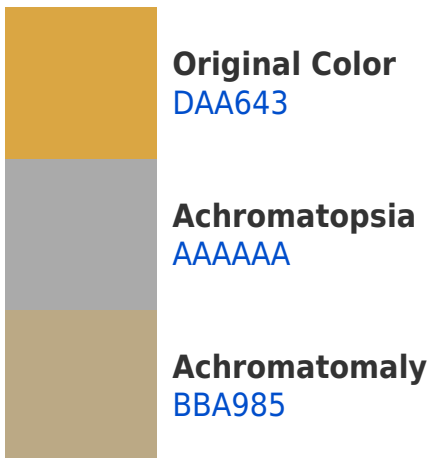


**Tritanopia**  
E19CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DAA643 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 #DAA643 looks like.

```
.text, #text, p{  
    color:#DAA643  
}
```

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 #DAA643 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAA643
}
```

## Border

The CSS property to change the border of an element to Hex DAA643 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
#DAA643 }
```

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

```
.border{ border-color:#DAA643 }
```

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

Here you see how a box with a 4 pixel #DAA643 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAA643; -webkit-box-shadow:4px 4px  
4px 4px #DAA643; box-shadow:4px 4px 4px  
4px #DAA643 }
```

# Background

The CSS property to change the background color of an element to Hex DAA643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAA643 }
```

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

```
.background{ background-color:#DAA643 }
```

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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