

Converting Colors

Hex(DAA639)

Have a look what the booklet for
Hex(DAA639) contains.

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Color

Hex(DAA639)

Conversions

Conversions Part 1

Format	Color
Hex	DAA639
RGB	218, 166, 57
RGB Percent	85%, 65%, 22%
CMY	0.1451, 0.3490, 0.7765
CMYK	0.00, 0.24, 0.74, 0.15
HSL	41°, 69%, 54%
HSV	41°, 74%, 85%
XYZ	43.2882, 42.4733, 9.7875
YIQ	169.1220, 65.9810, -22.8750

Conversions

Conversions Part 2

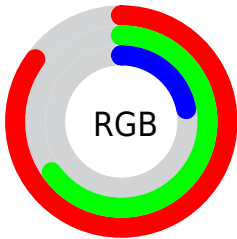
Format	Color
RYB	134, 218, 57
Decimal	14329401
CIELab	71.20, 8.85, 60.75
CIElCh	71, 61.387, 81.713
Yxy	42.4733, 0.4530, 0.4445
Android (android.graphics.Color)	4292519481 (0xFFDAA639)
YUV	169.1220, -55.2761, 42.8660
Hunter-Lab	65.1715, 4.5130, 36.7158

Details

The Hex color **DAA639** 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 **396DDA**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFDD6F**, and **9F7200** is the 20% darker color. If you saturate the color by 10%, you get **DA9F23**, and if you desaturate by 10%, it is **DAAD4F**.

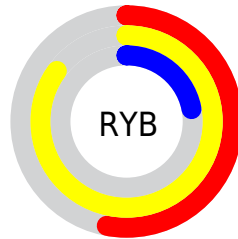
Distribution



Red (85%)

Green (65%)

Blue (22%)



Red (53%)

Yellow (85%)

Blue (22%)

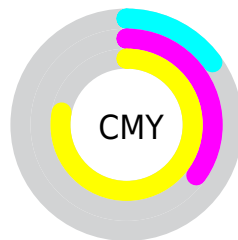


Cyan (0%)

Magenta (24%)

Yellow (74%)

Black (15%)



Cyan (15%)

Magenta (35%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color DAA639 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 DAA639 by changing the saturation by 10% instead.

 DAA639

 DAA639

FFFFFF

 BC8C1B

 FFDD6F

 9F7200

 FFF98A

 825A00

 FFFFA5

 664300

 FFFFC1

 4A2D00

 FFFFDE

 301800

 FFFFFB

 180000

 000000

 DAA639

 DAA639

■ DA9F23

■ DAAD4F

■ DA980D

■ DAB465

■ DA9400

■ DABB7A

■ DAC290

■ DAC9A6

■ DAD0BC

■ DAD7D2

■ DADEE7

■ DAE5FD

Harmonies

Analogous

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



FF9058



DAA639



A5B83E

Triad

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



DAA639



00C9D6



E48FF4

Complementary

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



DAA639



396DDA

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.



95A6FF



DAA639



00C5FF

Square

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



DAA639



00C99C



00B9FF



FF7DC0

Rectangle

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



DAA639



7AC056



00B9FF



CE96FF

Sweetspot

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



DAA639



FFEDC7



DA396F



80755E



000000



808080

Same Dimension

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



DAA639



FFB61C



BFDA39



6E6A63



AD7500



2E1F00

Inverse Universe

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



396DDA



1C65FF



5439DA



63666E



0038AD



000F2E

Previews

White Background



This preview shows how the Hex color DAA639 looks on a white background.

Color Contrast Check

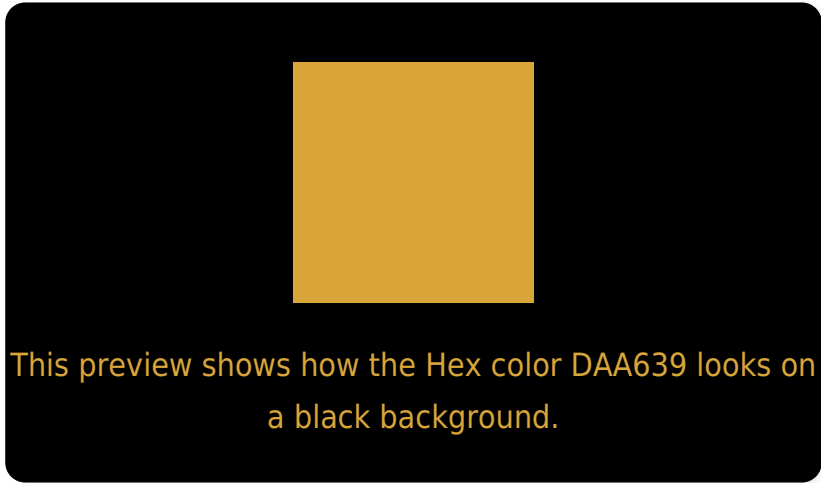
Large Text (above 18pt) WCAG AA × Fail

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 DAA639 Background



This preview shows how black text looks on a background with the Hex color DAA639.

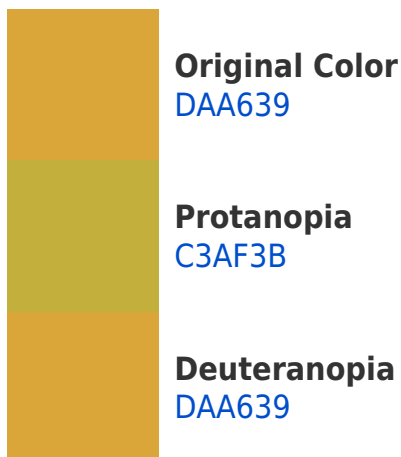


This preview shows how white text looks on a background with the Hex color DAA639.

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](#).

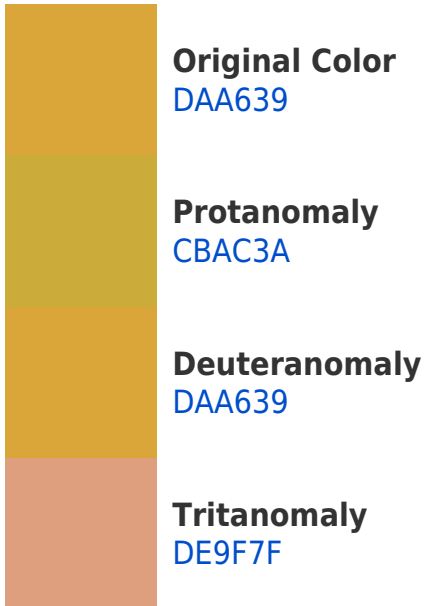
Dichromacy



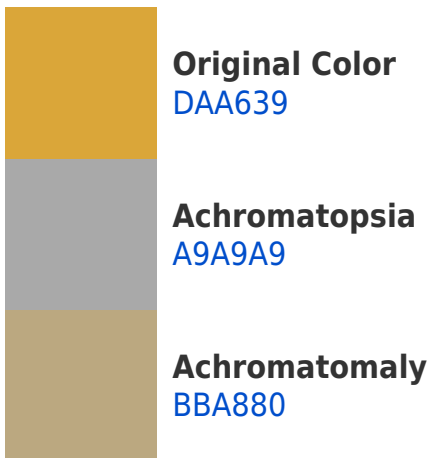


Tritanopia
E19BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DAA639 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 #DAA639 looks like.

```
.text, #text, p{  
    color:#DAA639  
}
```

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 #DAA639 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAA639
}
```

Border

The CSS property to change the border of an element to Hex DAA639 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
#DAA639 }
```

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

```
.border{ border-color:#DAA639 }
```

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

Here you see how a box with a 4 pixel #DAA639 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAA639; -webkit-box-shadow:4px 4px  
4px 4px #DAA639; box-shadow:4px 4px 4px  
4px #DAA639 }
```

Background

The CSS property to change the background color of an element to Hex DAA639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAA639 }
```

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

```
.background{ background-color:#DAA639 }
```

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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