

# Converting Colors

Hex(DAA958)

Have a look what the booklet for  
Hex(DAA958) contains.

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# **Color**

**Hex(DAA958)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAA958
RGB	218, 169, 88
RGB Percent	85%, 66%, 35%
CMY	0.1451, 0.3373, 0.6549
CMYK	0.00, 0.22, 0.60, 0.15
HSL	37°, 64%, 60%
HSV	37°, 60%, 85%
XYZ	44.8629, 43.9859, 15.3581
YIQ	174.4170, 55.2050, -14.8030

# Conversions

## Conversions Part 2

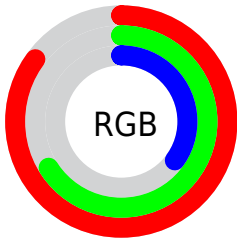
Format	Color
<a href="#">RYB</a>	<a href="#">167, 218, 88</a>
Decimal	<a href="#">14330200</a>
CIELab	<a href="#">72.22, 9.05, 47.99</a>
CIELCh	<a href="#">72, 48.838, 79.325</a>
Yxy	<a href="#">43.9859, 0.4305, 0.4221</a>
Android (android.graphics.Color)	<a href="#">4292520280 (0xFFDAA958)</a>
YUV	<a href="#">174.4170, -42.6036, 38.2223</a>
Hunter-Lab	<a href="#">66.3219, 4.6814, 32.6956</a>

# Details

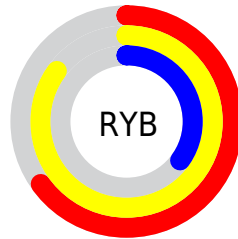
The Hex color **DAA958** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5889DA**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFE08C**, and **A07525** is the 20% darker color. If you saturate the color by 10%, you get **DAA142**, and if you desaturate by 10%, it is **DAB16E**.

# Distribution



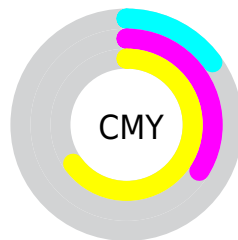
- Red (85%)
- Green (66%)
- Blue (35%)



- Red (65%)
- Yellow (85%)
- Blue (35%)



- Cyan (0%)
- Magenta (22%)
- Yellow (60%)
- Black (15%)



- Cyan (15%)
- Magenta (34%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DAA958 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 DAA958 by changing the saturation by 10% instead.



 DAA958

 DAA958

FFFFFF

 BD8F3F

 FFE08C

 A07525

 FFFDA7

 845D08

 FFFFC3

 684500

 FFFFDF

 4D2F00

 FFFFFC

 331A00

 1B0100

 000000

 DAA958

 DAA958

■ DAA142

■ DAB16E

■ DA992C

■ DAB984

■ DA9017

■ DAC299

■ DA8801

■ DACAAF

■ DA8800

■ DAD2C5

■ DADADB

■ DAE3F1

■ DAEBFF

■ DAF3FF

# Harmonies

## Analogous

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



F9996F



DAA958



B0B75A

# Triad

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



DAA958



00C8CD



D99AEC

# Complementary

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



DAA958



5889DA

# 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.



9CACFF



DAA958



00C4F4

# Square

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



DAA958



30C79F



39BAFF



FC8EC3

# Rectangle

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



DAA958



8FBF6A



39BAFF



C7A0F6

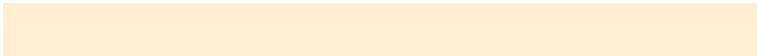


# Sweetspot

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



DAA958



FFED1



DA588A



807563



000000



808080



# Same Dimension

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



DAA958



FFBA47



CBDA58



6E6A63



AD6C00



2E1D00



# Inverse Universe

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



5889DA



478DFF



6758DA



63676E



0041AD



00112E



# Previews

## White Background



This preview shows how the Hex color DAA958 looks on a white background.

## Color Contrast Check

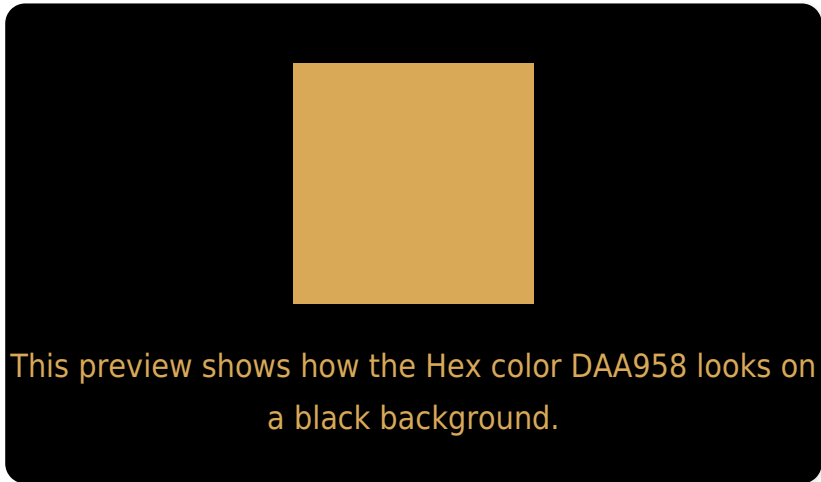
Large Text (above 18pt) WCAG AA × Fail

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 DAA958 Background



This preview shows how black text looks on a background with the Hex color DAA958.

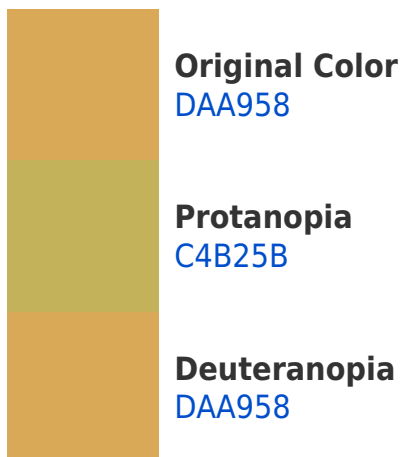


This preview shows how white text looks on a background with the Hex color DAA958.

# 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](#).

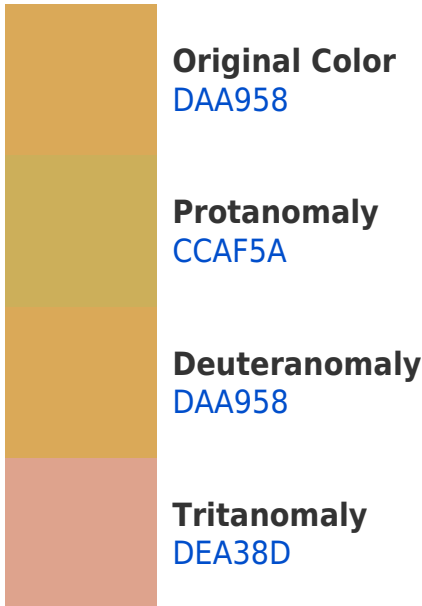
## Dichromacy



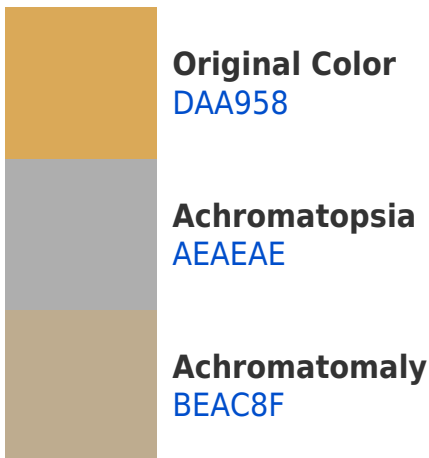


**Tritanopia**  
E1A0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DAA958 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 #DAA958 looks like.

```
.text, #text, p{  
    color:#DAA958  
}
```

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 #DAA958 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAA958
}
```

## Border

The CSS property to change the border of an element to Hex DAA958 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
#DAA958 }
```

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

```
.border{ border-color:#DAA958 }
```

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

Here you see how a box with a 4 pixel #DAA958 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAA958; -webkit-box-shadow:4px 4px  
4px 4px #DAA958; box-shadow:4px 4px 4px  
4px #DAA958 }
```

# Background

The CSS property to change the background color of an element to Hex DAA958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAA958 }
```

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

```
.background{ background-color:#DAA958 }
```

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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