

# Converting Colors

Hex(DAC947)

Have a look what the booklet for  
Hex(DAC947) contains.

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**Color**

**Hex(DAC947)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAC947
RGB	218, 201, 71
RGB Percent	85%, 79%, 28%
CMY	0.1451, 0.2118, 0.7216
CMYK	0.00, 0.08, 0.67, 0.15
HSL	53°, 67%, 57%
HSV	53°, 67%, 85%
XYZ	50.9374, 57.1336, 14.3044
YIQ	191.2630, 51.8620, -36.8260

# Conversions

## Conversions Part 2

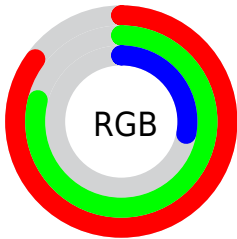
Format	Color
<a href="#">RYB</a>	<a href="#">90, 218, 71</a>
Decimal	<a href="#">14338375</a>
CIELab	<a href="#">80.25, -8.76, 64.28</a>
CIElCh	<a href="#">80, 64.878, 97.757</a>
Yxy	<a href="#">57.1336, 0.4162, 0.4669</a>
Android (android.graphics.Color)	<a href="#">4292528455</a> ( <a href="#">0xFFDAC947</a> )
YUV	<a href="#">191.2630, -59.2897, 23.4483</a>
Hunter-Lab	<a href="#">75.5868, -11.9870, 41.6904</a>

# Details

The Hex color **DAC947** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4758DA**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFFF7E**, and **A09300** is the 20% darker color. If you saturate the color by 10%, you get **DAC631**, and if you desaturate by 10%, it is **DACC5D**.

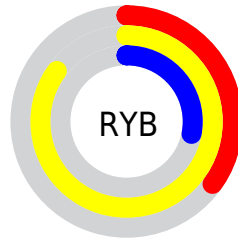
# Distribution



Red (85%)

Green (79%)

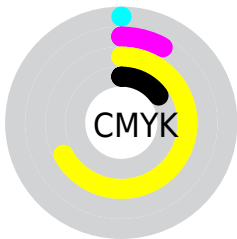
Blue (28%)



Red (35%)

Yellow (85%)

Blue (28%)

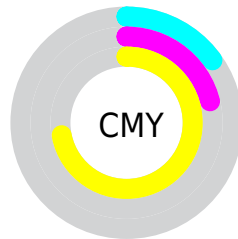


Cyan (0%)

Magenta (8%)

Yellow (67%)

Black (15%)



Cyan (15%)

Magenta (21%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DAC947 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 DAC947 by changing the saturation by 10% instead.



 DAC947

 DAC947

FFFFFF

 BDAE2A

 FFFF7E

 A09300

 FFFF9A

 837A00

 FFFFFB6

 686100

 FFFFFD2

 4C4A00

 FFFFF0

 323300

 1A1F00

 000200

 000000

 DAC947

 DAC947

 DAC631

 DACC5D

 DAC41B

 DACE73

 DAC106

 DAD188

 DAC100

 DAD39E

 DAD6B4

 DAD8CA

 DADBE0

 DADDF5

 DAE0FF

# Harmonies

## Analogous

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



FFB355



DAC947



99D962

# Triad

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



DAC947



00E3FF



FF9AF6

# Complementary

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



DAC947



4758DA

# 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.



DFB1FF



DAC947



00DAFF

# Square

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



DAC947



00E5D6



72C8FF



FF91BA

# Rectangle

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



DAC947



60DF84



72C8FF



FFA0FF



# Sweetspot

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



DAC947



FFF9CC



DA4758



807C61



000000



808080



# Same Dimension

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



DAC947



FFE730



A2DA47



6E6C63



AD9900



2E2900



# Inverse Universe

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



4758DA



3048FF



7F47DA



63646E



0014AD



00052E



# Previews

## White Background



This preview shows how the Hex color DAC947 looks on a white background.

## Color Contrast Check

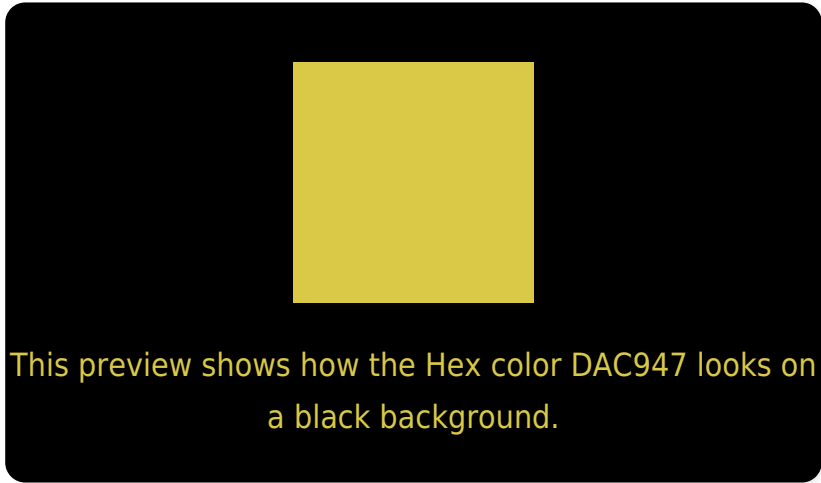
Large Text (above 18pt) WCAG AA × Fail

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 DAC947 Background



This preview shows how black text looks on a background with the Hex color DAC947.

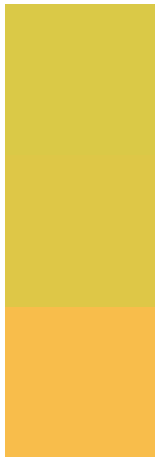


This preview shows how white text looks on a background with the Hex color DAC947.

# 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**  
DAC947

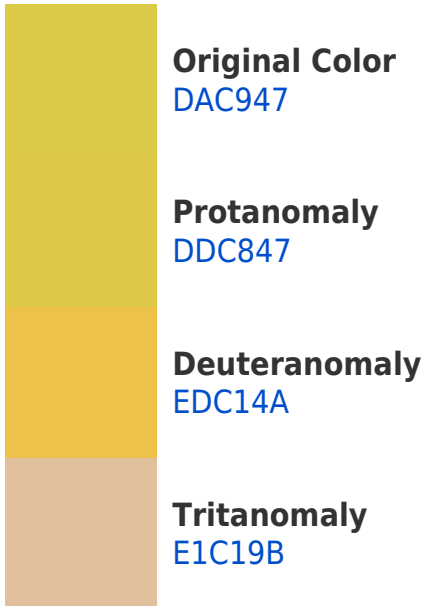
**Protanopia**  
DEC747

**Deuteranopia**  
F8BD4B

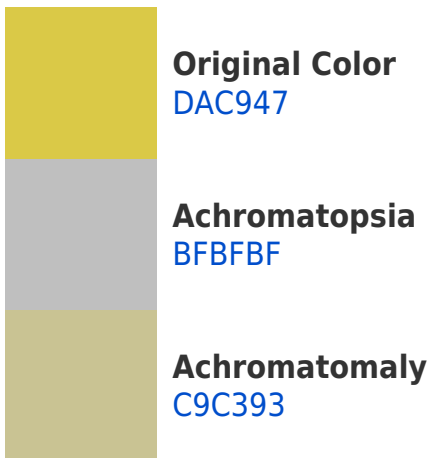


**Tritanopia**  
E5BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DAC947 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 #DAC947 looks like.

```
.text, #text, p{  
    color:#DAC947  
}
```

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 #DAC947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAC947
}
```

## Border

The CSS property to change the border of an element to Hex DAC947 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
#DAC947 }
```

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

```
.border{ border-color:#DAC947 }
```

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

Here you see how a box with a 4 pixel #DAC947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAC947; -webkit-box-shadow:4px 4px  
4px 4px #DAC947; box-shadow:4px 4px 4px  
4px #DAC947 }
```

# Background

The CSS property to change the background color of an element to Hex DAC947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAC947 }
```

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

```
.background{ background-color:#DAC947 }
```

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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