

# Converting Colors

Hex(DAC81A)

Have a look what the booklet for  
Hex(DAC81A) contains.

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**Color**

**Hex(DAC81A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAC81A
RGB	218, 200, 26
RGB Percent	85%, 78%, 10%
CMY	0.1451, 0.2157, 0.8980
CMYK	0.00, 0.08, 0.88, 0.15
HSL	54°, 79%, 48%
HSV	54°, 88%, 85%
XYZ	49.7542, 56.2886, 9.2197
YIQ	185.5460, 66.5820, -50.2980

# Conversions

## Conversions Part 2

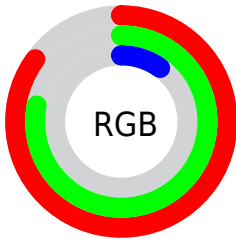
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 218, 26
Decimal	14338074
CIE <sub>Lab</sub>	79.78, -9.87, 77.31
CIE <sub>LCh</sub>	80, 77.937, 97.276
Yxy	56.2886, 0.4317, 0.4884
Android (android.graphics.Color)	4292528154 (0xFFDAC81A)
YUV	185.5460, -78.6562, 28.4622
Hunter-Lab	75.0257, -12.9206, 45.2320

# Details

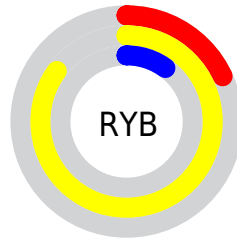
The Hex color **DAC81A** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **1A2CDA**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFFF5D**, and **9E9300** is the 20% darker color. If you saturate the color by 10%, you get **DAC604**, and if you desaturate by 10%, it is **DACA30**.

# Distribution



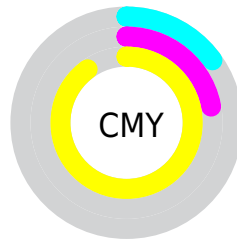
- Red (85%)
- Green (78%)
- Blue (10%)



- Red (18%)
- Yellow (85%)
- Blue (10%)



- Cyan (0%)
- Magenta (8%)
- Yellow (88%)
- Black (15%)



- Cyan (15%)
- Magenta (22%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DAC81A 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 DAC81A by changing the saturation by 10% instead.



 DAC81A

 DAC81A

FFFFFF

 BCAD00

 FFFF5D

 9E9300

 FFFF7A

 827900

 FFFF97

 656100

 FFFFB4

 4A4900

 FFFFDD

 303300

 FFFFEE

 171E00

 000000

 DAC81A

 DAC81A

 DAC604

 DACA30

 DAC600

 DACC46

 DACE5B

 DAD071

 DAD287

 DAD49D

 DAD6B3

 DAD8C8

 DADADE

# Harmonies

## Analogous

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



FFAD37



DAC81A



8DDA47

# Triad

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



DAC81A



00E6FF



FF8BFF

# Complementary

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



DAC81A



1A2CDA

# 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.



DFABFF



DAC81A



00DCFF

# Square

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



DAC81A



00E8D6



2FC8FF



FF7EB7

# Rectangle

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



DAC81A



39E273



2FC8FF



FF95FF



# Sweetspot

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



DAC81A



FFF9BD



DA1A2D



807C58



000000



808080



# Same Dimension

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



DAC81A



FFE700



8DDA1A



6E6D63



AD9D00



2E2A00



# Inverse Universe

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



1A2CDA



0018FF



671ADA



63646E



0010AD



00042E



# Previews

## White Background



This preview shows how the Hex color DAC81A looks on a white background.

## Color Contrast Check

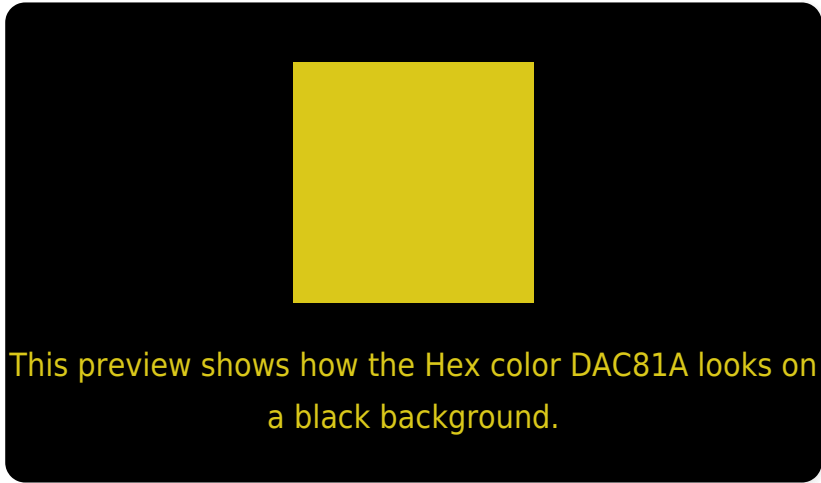
Large Text (above 18pt) WCAG AA × Fail

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 DAC81A Background



This preview shows how black text looks on a background with the Hex color DAC81A.

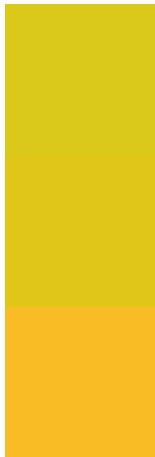


This preview shows how white text looks on a background with the Hex color DAC81A.

# 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**  
DAC81A

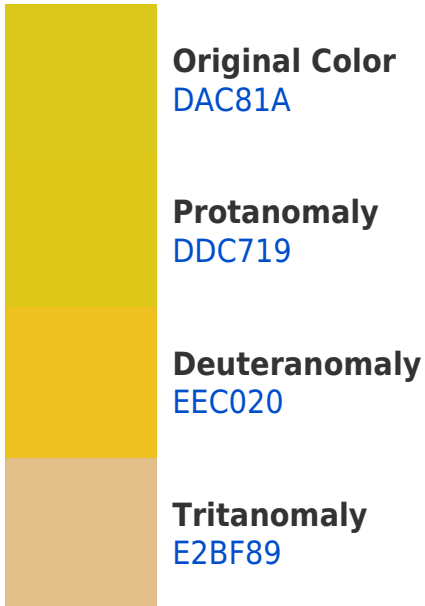
**Protanopia**  
DFC619

**Deuteranopia**  
F9BC24



**Tritanopia**  
E6BAC8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DAC81A 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 #DAC81A looks like.

```
.text, #text, p{  
    color:#DAC81A  
}
```

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 #DAC81A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAC81A
}
```

## Border

The CSS property to change the border of an element to Hex DAC81A 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
#DAC81A }
```

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

```
.border{ border-color:#DAC81A }
```

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

Here you see how a box with a 4 pixel #DAC81A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAC81A; -webkit-box-shadow:4px 4px  
4px 4px #DAC81A; box-shadow:4px 4px 4px  
4px #DAC81A }
```

# Background

The CSS property to change the background color of an element to Hex DAC81A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAC81A }
```

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

```
.background{ background-color:#DAC81A }
```

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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