

# Converting Colors

Hex(DAC601)

Have a look what the booklet for  
Hex(DAC601) contains.

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**Color**

**Hex(DAC601)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAC601
RGB	218, 198, 1
RGB Percent	85%, 78%, 0%
CMY	0.1451, 0.2235, 0.9961
CMYK	0.00, 0.09, 1.00, 0.15
HSL	54°, 99%, 43%
HSV	54°, 100%, 85%
XYZ	49.1130, 55.2958, 8.1133
YIQ	181.5220, 75.1570, -57.0270

# Conversions

## Conversions Part 2

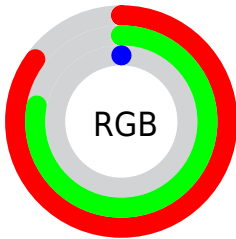
Format	Color
<a href="#">RYB</a>	<a href="#">23, 218, 1</a>
Decimal	<a href="#">14337537</a>
CIELab	<a href="#">79.21, -9.17, 80.00</a>
CIElCh	<a href="#">79, 80.520, 96.537</a>
Yxy	<a href="#">55.2958, 0.4365, 0.4914</a>
Android (android.graphics.Color)	<a href="#">4292527617 (0xFFDAC601)</a>
YUV	<a href="#">181.5220, -88.9973, 31.9912</a>
Hunter-Lab	<a href="#">74.3611, -12.2388, 45.5838</a>

# Details

The Hex color **DAC601** 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 **0115DA**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFFE54**, and **9E9100** is the 20% darker color. If you saturate the color by 10%, you get **DAC600**, and if you desaturate by 10%, it is **DAC817**.

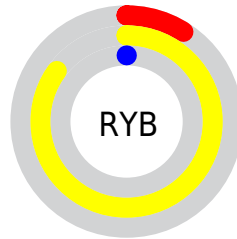
# Distribution



Red (85%)

Green (78%)

Blue (0%)



Red (9%)

Yellow (85%)

Blue (0%)

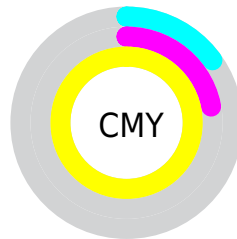


Cyan (0%)

Magenta (9%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (22%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DAC601 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 DAC601 by changing the saturation by 10% instead.



 DAC601

 DAC601


FFFFFF

 BCAB00

 FFFE54

 9E9100

 FFFF72

 817700

 FFFF8F

 655F00

 FFFFAC

 494700

 FFFFC9

 2F3100

 FFFF E6

 171D00

 000000

 DAC601

 DAC601

■ DAC600

■ DAC817

■ DACA2D

■ DACC42

■ DACE58

■ DAD06E

■ DAD284

■ DAD49A

■ DAD6AF

■ DAD8C5

# Harmonies

## Analogous

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



FFAA30



DAC601



8BD93E

# Triad

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



DAC601



00E5FF



FF87FF

# Complementary

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



DAC601



0115DA

# 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.



DBA9FF



DAC601



00DCFF

# Square

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



DAC601



00E7D3



00C8FF



FF78B7

# Rectangle

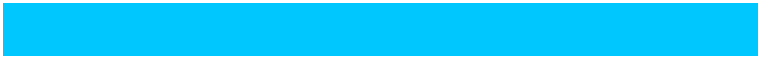
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DAC601



30E06C



00C8FF



FF92FF



# Sweetspot

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



DAC601



FFF8B3



DA0117



807B52



000000



808080



# Same Dimension

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



DAC601



FFE700



83DA01



6E6D63



AD9D00



2E2A00



# Inverse Universe

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



0115DA



0018FF



5801DA



63646E



0010AD

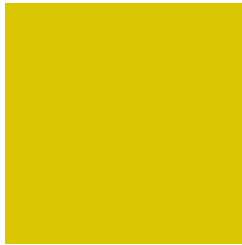


00042E



# Previews

## White Background



This preview shows how the Hex color DAC601 looks on a white background.

## Color Contrast Check

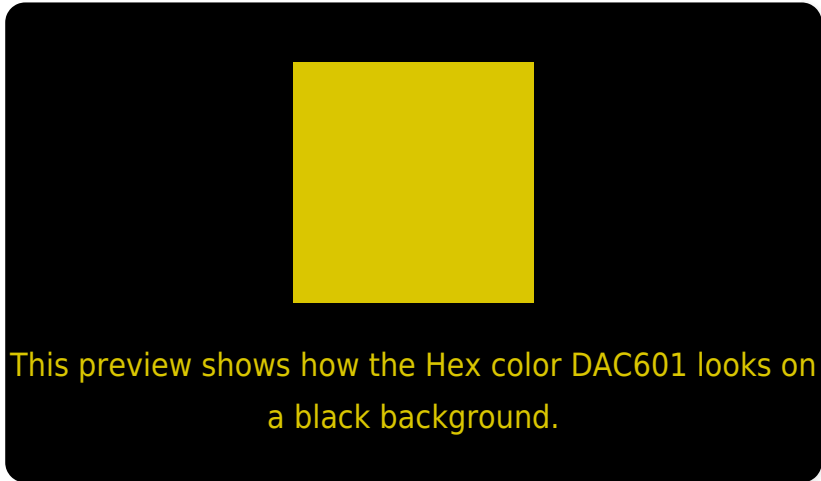
Large Text (above 18pt) WCAG AA × Fail

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 DAC601 Background



This preview shows how black text looks on a background with the Hex color DAC601.

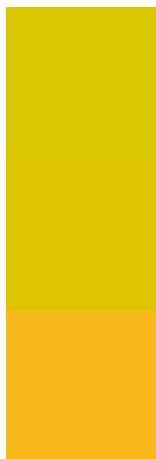


This preview shows how white text looks on a background with the Hex color DAC601.

# 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**  
DAC601

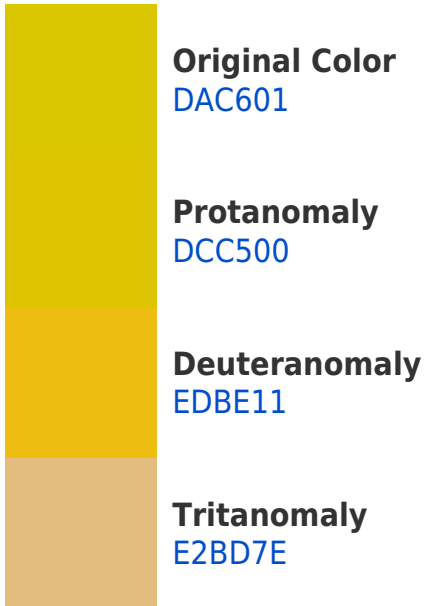
**Protanopia**  
DDC500

**Deuteranopia**  
F8BA1A



**Tritanopia**  
E6B8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DAC601 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 #DAC601 looks like.

```
.text, #text, p{  
    color:#DAC601  
}
```

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 #DAC601 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAC601
}
```

## Border

The CSS property to change the border of an element to Hex DAC601 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
#DAC601 }
```

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

```
.border{ border-color:#DAC601 }
```

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

Here you see how a box with a 4 pixel #DAC601 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAC601; -webkit-box-shadow:4px 4px  
4px 4px #DAC601; box-shadow:4px 4px 4px  
4px #DAC601 }
```

# Background

The CSS property to change the background color of an element to Hex DAC601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAC601 }
```

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

```
.background{ background-color:#DAC601 }
```

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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