

# Converting Colors

Hex(DAC28E)

Have a look what the booklet for  
Hex(DAC28E) contains.

<b>Hex(DAC28E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(DAC28E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAC28E
RGB	218, 194, 142
RGB Percent	85%, 76%, 56%
CMY	0.1451, 0.2392, 0.4431
CMYK	0.00, 0.11, 0.35, 0.15
HSL	41°, 51%, 71%
HSV	41°, 35%, 85%
XYZ	53.0877, 55.4420, 33.4945
YIQ	195.2480, 30.9960, -11.0840

# Conversions

## Conversions Part 2

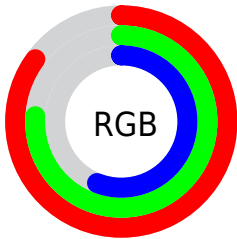
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 218, 142
Decimal	14336654
CIELab	79.30, 1.02, 29.29
CIELCh	79, 29.309, 88.015
Yxy	55.4420, 0.3738, 0.3904
Android (android.graphics.Color)	4292526734 (0xFFDAC28E)
YUV	195.2480, -26.2513, 19.9535
Hunter-Lab	74.4594, -3.0378, 25.4508

# Details

The Hex color **DAC28E** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8EA6DA**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFAC4**, and **A28D5B** is the 20% darker color. If you saturate the color by 10%, you get **DABB78**, and if you desaturate by 10%, it is **DAC9A4**.

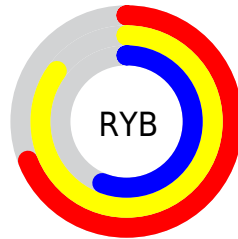
# Distribution



Red (85%)

Green (76%)

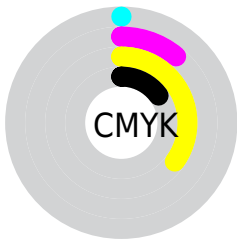
Blue (56%)



Red (69%)

Yellow (85%)

Blue (56%)

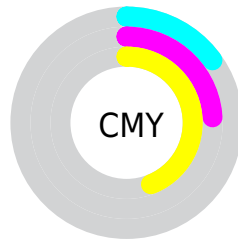


Cyan (0%)

Magenta (11%)

Yellow (35%)

Black (15%)



Cyan (15%)

Magenta (24%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DAC28E 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 DAC28E by changing the saturation by 10% instead.



 DAC28E

FFFFFF

 FFFAC4

 FFFFFE0

FFFFFFD

 DAC28E

 BEA77A

 A28D5B

 877343

 6D5B2C

 534316

 3B2D00

 231900

 000000

 DAC28E

 DAC28E

 DABB78

 DAC9A4

 DAB462

 DAD0BA

 DAAD4D

 DAD7CF

 DAA637

 DADEE5

 DAA021

 DAE4FB

 DA990B

 DAEBFF

 DA9500

 DAF2FF

 DAF9FF

 DAFFFF

# Harmonies

## Analogous

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



F0B997



DAC28E



BDCB94

# Triad

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



DAC28E



72D3DD



E6B5E2

# Complementary

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



DAC28E



8EA6DA

# 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.



C6BEF4



DAC28E



7ECFF2

# Square

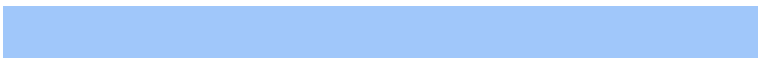
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DAC28E



81D4C2



A0C7FA



F8B1C7

# Rectangle

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



DAC28E



A8CF9F



A0C7FA



DDB8E9

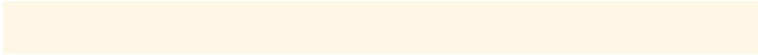


# Sweetspot

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



DAC28E



FFF7E6



DA8EA6



807B70



000000



808080



# Same Dimension

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



DAC28E



FFDD94



CCDA8E



6E6A63



AD7700



2E1F00



# Inverse Universe

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



8EA6DA



94B6FF



9C8EDA



63666E



0037AD

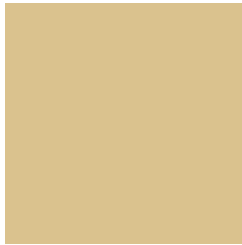


000E2E



# Previews

## White Background



This preview shows how the Hex color DAC28E looks on a white background.

## Color Contrast Check

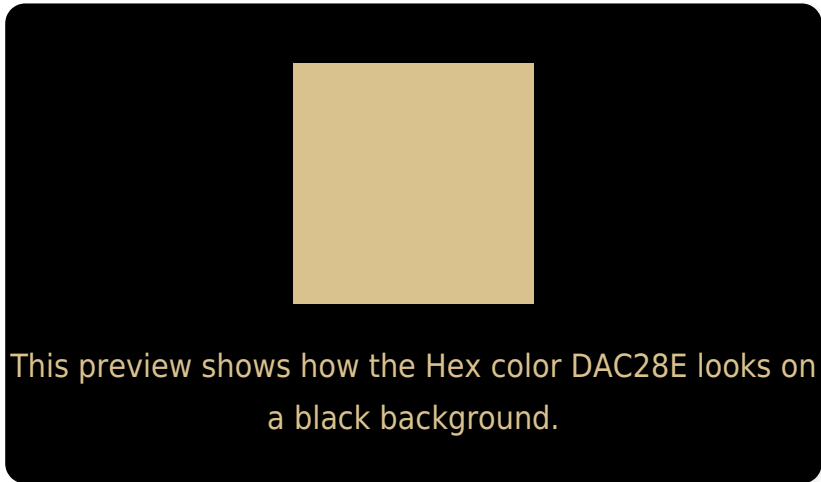
Large Text (above 18pt) WCAG AA × Fail

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

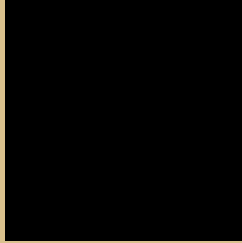
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DAC28E Background



This preview shows how black text looks on a background with the Hex color DAC28E.




This preview shows how white text looks on a background with the Hex color DAC28E.

# 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**  
E1BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DAC28E 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 #DAC28E looks like.

```
.text, #text, p{  
    color:#DAC28E  
}
```

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 #DAC28E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAC28E
}
```

## Border

The CSS property to change the border of an element to Hex DAC28E 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
#DAC28E }
```

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

```
.border{ border-color:#DAC28E }
```

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

Here you see how a box with a 4 pixel #DAC28E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAC28E; -webkit-box-shadow:4px 4px  
4px 4px #DAC28E; box-shadow:4px 4px 4px  
4px #DAC28E }
```

# Background

The CSS property to change the background color of an element to Hex DAC28E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAC28E }
```

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

```
.background{ background-color:#DAC28E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor