

# Converting Colors

Hex(DAC5E4)

Have a look what the booklet for  
Hex(DAC5E4) contains.

<b>Hex(DAC5E4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DAC5E4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DAC5E4
RGB	218, 197, 228
RGB Percent	85%, 77%, 89%
CMY	0.1451, 0.2275, 0.1059
CMYK	0.04, 0.14, 0.00, 0.11
HSL	281°, 36%, 83%
HSV	281°, 14%, 89%
XYZ	62.8833, 60.4394, 81.7504
YIQ	206.8130, 2.5650, 14.0930

# Conversions

## Conversions Part 2

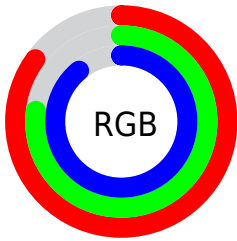
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 197, 228
Decimal	14337508
CIE Lab	82.08, 12.94, -12.68
CIE LCh	82, 18.116, 315.577
Yxy	60.4394, 0.3066, 0.2947
Android (android.graphics.Color)	4292527588 (0xFFDAC5E4)
YUV	206.8130, 10.4452, 9.8110
Hunter-Lab	77.7428, 8.3323, -7.9265

# Details

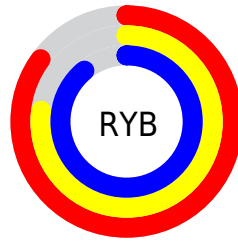
The Hex color **DAC5E4** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **CFE4C5**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFEFF**, and **A38FAD** is the 20% darker color. If you saturate the color by 10%, you get **D3AEE4**, and if you desaturate by 10%, it is **E1DCE4**.

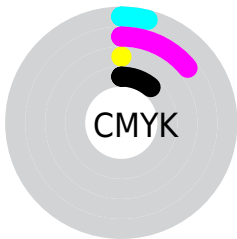
# Distribution



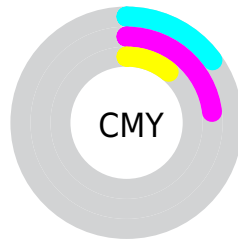
- Red (85%)
- Green (77%)
- Blue (89%)



- Red (85%)
- Yellow (77%)
- Blue (89%)



- Cyan (4%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (23%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DAC5E4 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 DAC5E4 by changing the saturation by 10% instead.



 DAC5E4

FFFFFF

FFFEFF

 DAC5E4

 BEAAC8

 A38FAD

 897692

 6F5D78

 57455F

 3F2F48

 291A31

 16001D

 000000

 DAC5E4

 DAC5E4

 D3AEE4

 E1DCE4

 CB97E4

 E9F3E4

 C481E4

 F0FFE4

 BD6AE4

 F7FFE4

 B553E4

 FFFFE4

 AE3CE4

 A725E4

 9F0FE4

 9A00E4

# Harmonies

## Analogous

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



C5CBED



DAC5E4



EAC1D5

# Triad

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



DAC5E4



E1C8AC



A1D6D5

# Complementary

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



DAC5E4



CFE4C5

# 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.



ABD5C3



DAC5E4



DOCEAB

# Square

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



DAC5E4



EDC3B5



BDD3B4



A2D4E4

# Rectangle

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



DAC5E4



EFC0C9



BDD3B4



A3D6CF



# Sweetspot

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



DAC5E4



FCF5FF



C5CFE4



7D7980



000000



808080



# Same Dimension

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



DAC5E4



F2D6FF



E4C5DF



6F6773



7900B3



230033



# Inverse Universe

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



E4C5CF



FFD6E3



C5E4CA



73676B



B3003A

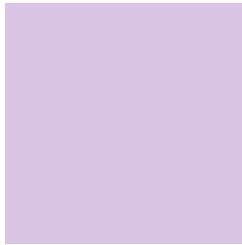


330010



# Previews

## White Background



This preview shows how the Hex color DAC5E4 looks on a white background.

## Color Contrast Check

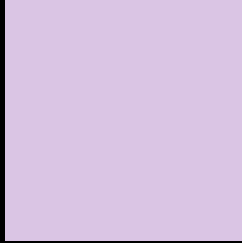
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color DAC5E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

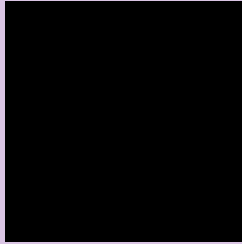
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DAC5E4 Background



This preview shows how black text looks on a background with the Hex color DAC5E4.

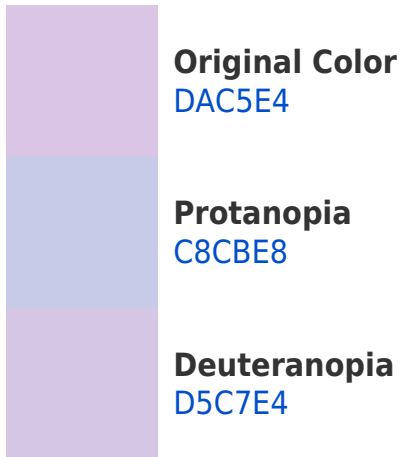


This preview shows how white text looks on a background with the Hex color DAC5E4.

# 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**  
D8C7D7

# Trichromacy



**Original Color**  
DAC5E4

**Protanomaly**  
CFC9E7

**Deuteranomaly**  
D7C6E4

**Tritanomaly**  
D9C6DC

# Monochromacy



**Original Color**  
DAC5E4

**Achromatopsia**  
CFCFCF

**Achromatomaly**  
D3CBD7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DAC5E4 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 #DAC5E4 looks like.

```
.text, #text, p{  
    color:#DAC5E4  
}
```

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 #DAC5E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAC5E4
}
```

## Border

The CSS property to change the border of an element to Hex DAC5E4 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
#DAC5E4 }
```

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

```
.border{ border-color:#DAC5E4 }
```

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

Here you see how a box with a 4 pixel #DAC5E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAC5E4; -webkit-box-shadow:4px 4px  
4px 4px #DAC5E4; box-shadow:4px 4px 4px  
4px #DAC5E4 }
```

# Background

The CSS property to change the background color of an element to Hex DAC5E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAC5E4 }
```

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

```
.background{ background-color:#DAC5E4 }
```

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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