

Converting Colors

Hex(DACEE4)

Have a look what the booklet for
Hex(DACEE4) contains.

Hex(DACEE4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DACEE4)

Conversions

Conversions Part 1

Format	Color
Hex	DACEE4
RGB	218, 206, 228
RGB Percent	85%, 81%, 89%
CMY	0.1451, 0.1922, 0.1059
CMYK	0.04, 0.10, 0.00, 0.11
HSL	273°, 29%, 85%
HSV	273°, 10%, 89%
XYZ	64.9883, 64.6495, 82.4521
YIQ	212.0960, 0.0900, 9.3860

Conversions

Conversions Part 2

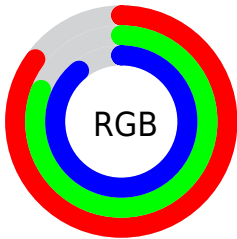
Format	Color
R _Y B	218, 206, 228
Decimal	14339812
CIE Lab	84.30, 8.15, -9.36
CIE LCh	84, 12.411, 311.046
Yxy	64.6495, 0.3064, 0.3048
Android (android.graphics.Color)	4292529892 (0xFFDACEE4)
YUV	212.0960, 7.8407, 5.1778
Hunter-Lab	80.4049, 3.5665, -4.5162

Details

The Hex color **DACEE4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D8E4CE**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFFFF**, and **A398AD** is the 20% darker color. If you saturate the color by 10%, you get **D0B7E4**, and if you desaturate by 10%, it is **E4E5E4**.

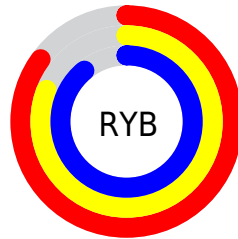
Distribution



Red (85%)

Green (81%)

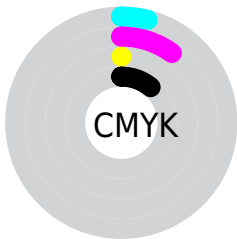
Blue (89%)



Red (85%)

Yellow (81%)

Blue (89%)

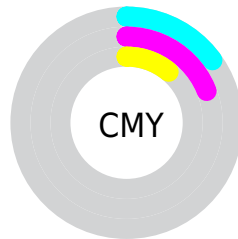


Cyan (4%)

Magenta (10%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (19%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color DACEE4 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 DACEE4 by changing the saturation by 10% instead.

 DACEE4

FFFFFF

 DACEE4

 BEB3C8

 A398AD

 897E92

 6F6578

 574D60

 403648

 292131

 160A1D

 000000

 DACEE4

 DACEE4

 D0B7E4

 E4E5E4

 C5A0E4

 EFFCE4

 BB8AE4


 F9FFE4

 B173E4

 FFFFE4

 A65CE4

 9C45E4

 912EE4

 8718E4

 7D01E4

Harmonies

Analogous

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



CBD2E9



DACEE4



E6CBDA

Triad

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



DACEE4



E3CFBD



B6D9D6

Complementary

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



DACEE4



D8E4CE

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.



BED9CA



DACEE4



D7D3BB

Square

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



DACEE4



EACCC3



CAD6C0



B6D8E1

Rectangle

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



DACEE4



EACAD2



CAD6C0



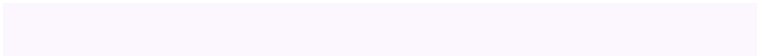
B8D9D2

Sweetspot

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



DACEE4



FCF7FF



CED8E4



7D7A80



000000



808080

Same Dimension

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



DACEE4



F1E0FF



E4CEE3



6E6773



6100B3



1C0033

Inverse Universe

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



E4CED8



FFE0EE



CEE4CF



73676C



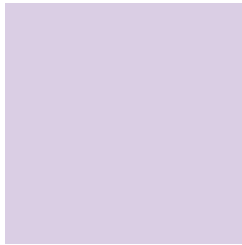
B30051



330017

Previews

White Background



This preview shows how the Hex color DACEE4 looks on a white background.

Color Contrast Check

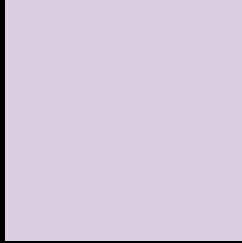
Large Text (above 18pt) WCAG AA × Fail

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 DACEE4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

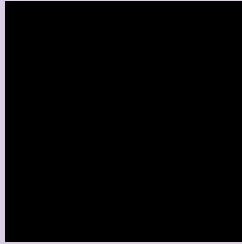
Any Text WCAG AA ✓ Pass

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 DACEE4 Background



This preview shows how black text looks on a background with the Hex color DACEE4.

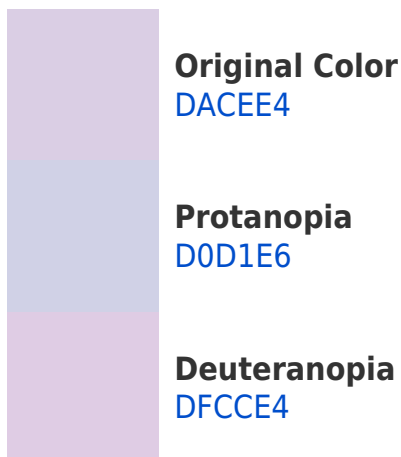


This preview shows how white text looks on a background with the Hex color DACEE4.

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
D9CFDF

Trichromacy



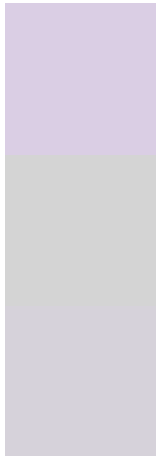
Original Color
DACEE4

Protanomaly
D4D0E5

Deuteranomaly
DDCDE4

Tritanomaly
D9CFE1

Monochromacy



Original Color
DACEE4

Achromatopsia
D4D4D4

Achromatomaly
D6D2DA

CSS Examples

Text

The CSS property to change the color of the text to Hex DACEE4 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 #DACEE4 looks like.

```
.text, #text, p{  
    color:#DACEE4  
}
```

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 #DACEE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DACEE4
}
```

Border

The CSS property to change the border of an element to Hex DACEE4 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
#DACEE4 }
```

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

```
.border{ border-color:#DACEE4 }
```

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

Here you see how a box with a 4 pixel #DACEE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DACEE4; -webkit-box-shadow:4px 4px  
4px 4px #DACEE4; box-shadow:4px 4px 4px  
4px #DACEE4 }
```

Background

The CSS property to change the background color of an element to Hex DACEE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DACEE4 }
```

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

```
.background{ background-color:#DACEE4 }
```

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