

Converting Colors

Hex(D4ECF4)

Have a look what the booklet for
Hex(D4ECF4) contains.

Hex(D4ECF4)	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(D4ECF4)

Conversions

Conversions Part 1

Format	Color
Hex	D4ECF4
RGB	212, 236, 244
RGB Percent	83%, 93%, 96%
CMY	0.1686, 0.0745, 0.0431
CMYK	0.13, 0.03, 0.00, 0.04
HSL	195°, 59%, 89%
HSV	195°, 13%, 96%
XYZ	73.4760, 80.5196, 97.2572
YIQ	229.7360, -16.8720, -2.6000

Conversions

Conversions Part 2

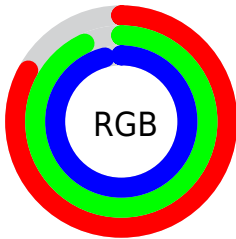
Format	Color
R _Y B	212, 226, 244
Decimal	13954292
CIE Lab	91.92, -6.27, -6.55
CIE LCh	92, 9.069, 226.219
Yxy	80.5196, 0.2924, 0.3205
Android (android.graphics.Color)	4292144372 (0xFFD4ECF4)
YUV	229.7360, 7.0322, -15.5545
Hunter-Lab	89.7327, -10.8709, -1.4488

Details

The Hex color **D4ECF4** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F4DCD4**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF**, and **9DB4BC** is the 20% darker color. If you saturate the color by 10%, you get **BCE6F4**, and if you desaturate by 10%, it is **ECF2F4**.

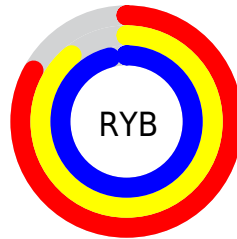
Distribution



Red (83%)

Green (93%)

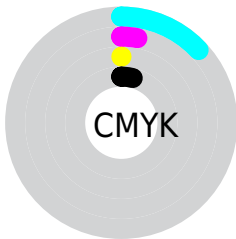
Blue (96%)



Red (83%)

Yellow (89%)

Blue (96%)

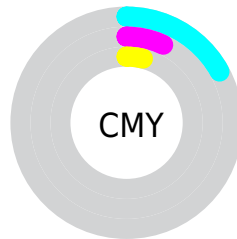


Cyan (13%)

Magenta (3%)

Yellow (0%)

Black (4%)



Cyan (17%)

Magenta (7%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4ECF4 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 D4ECF4 by changing the saturation by 10% instead.

 D4ECF4

FFFFFF

 D4ECF4

 B8D0D8

 9DB4BC

 8399A1

 697F87

 51666D

 394E55

 23383E

 0D2228

 000C14

 D4ECF4

 D4ECF4

 BCE6F4

 ECF2F4

 A3E0F4

 FFF8F4

 8BD4F4

 FFFEF4


 72D4F4

 FFFFF4

 5ACEF4

 42C7F4

 29C1F4

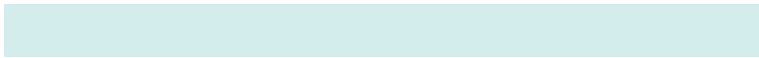
 11BBF4

 00B7F4

Harmonies

Analogous

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



D3EDEC



D4ECF4



DBEAF8

Triad

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



D4ECF4



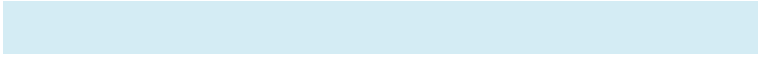
F7E2EC



EAE9D7

Complementary

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



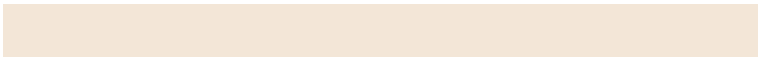
D4ECF4



F4DCD4

Split Complementary

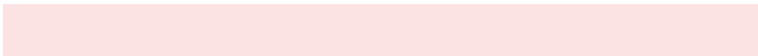
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F3E6D7



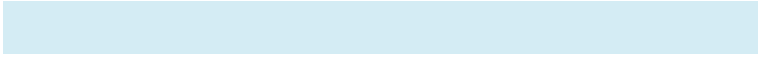
D4ECF4



FBE2E3

Square

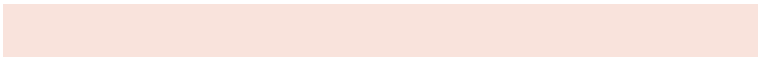
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D4ECF4



EFE4F4



F9E3DC



E0EBDC

Rectangle

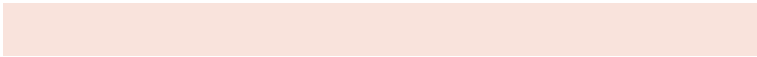
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



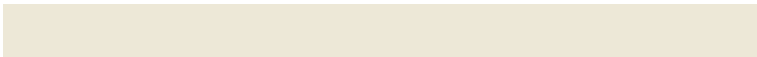
D4ECF4



E1E8F9



F9E3DC



EDE8D7

Sweetspot

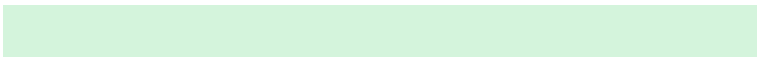
The Sweet Spot groups the original color and five complimentary colors.



D4ECF4



F5FCFF



D4F4DC



797E80



000000



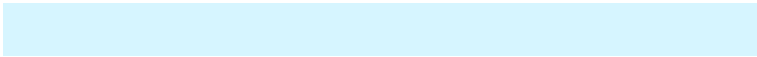
808080

Same Dimension

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



D4ECF4



D6F5FF



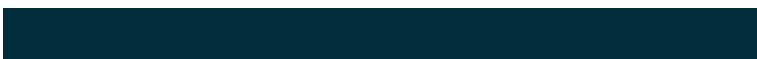
D4DCF4



6E777A



008CBA



002C3B

Inverse Universe

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



F4D4EC



FFD6F5



F4ECD4



7A6E77



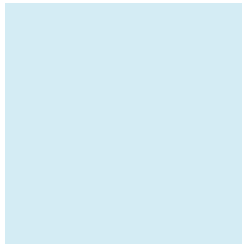
BA008C



3B002C

Previews

White Background



This preview shows how the Hex color D4ECF4 looks on a white background.

Color Contrast Check

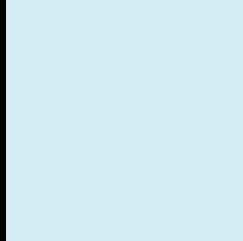
Large Text (above 18pt) WCAG AA × Fail

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 D4ECF4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

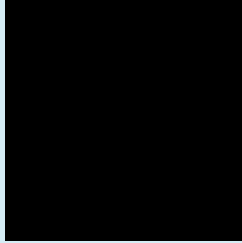
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

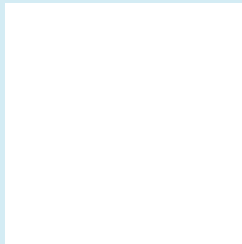
Any Text WCAG AAA ✓ Pass

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

Hex D4ECF4 Background



This preview shows how black text looks on a background with the Hex color D4ECF4.

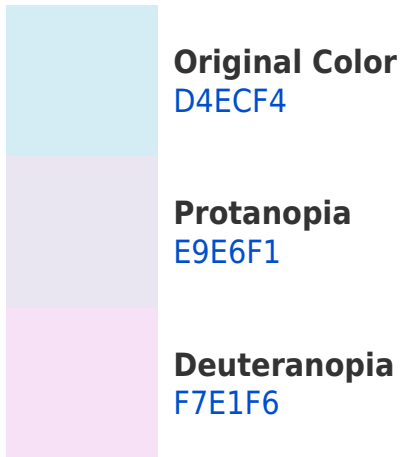


This preview shows how white text looks on a background with the Hex color D4ECF4.

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](#).

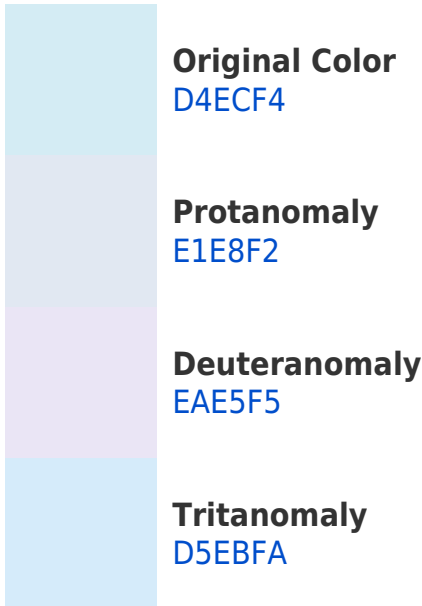
Dichromacy



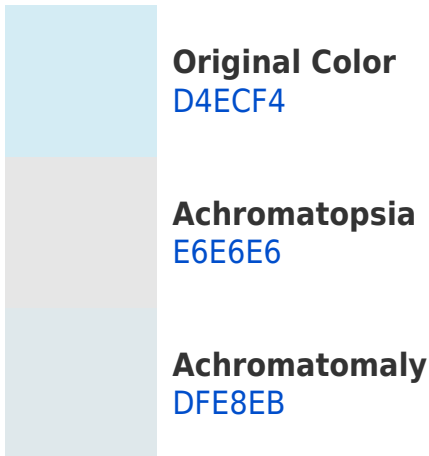


Tritanopia
D6EBFD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D4ECF4 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 #D4ECF4 looks like.

```
.text, #text, p{  
    color:#D4ECF4  
}
```

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 #D4ECF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4ECF4
}
```

Border

The CSS property to change the border of an element to Hex D4ECF4 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
#D4ECF4 }
```

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

```
.border{ border-color:#D4ECF4 }
```

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

Here you see how a box with a 4 pixel #D4ECF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4ECF4; -webkit-box-shadow:4px 4px  
4px 4px #D4ECF4; box-shadow:4px 4px 4px  
4px #D4ECF4 }
```

Background

The CSS property to change the background color of an element to Hex D4ECF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4ECF4 }
```

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

```
.background{ background-color:#D4ECF4 }
```

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