

Converting Colors

Hex(DCFDE3)

Have a look what the booklet for
Hex(DCFDE3) contains.

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Color

Hex(DCFDE3)

Conversions

Conversions Part 1

Format	Color
Hex	DCFDE3
RGB	220, 253, 227
RGB Percent	86%, 99%, 89%
CMY	0.1373, 0.0078, 0.1098
CMYK	0.13, 0.00, 0.10, 0.01
HSL	133°, 89%, 93%
HSV	133°, 13%, 99%
XYZ	78.5056, 91.0123, 86.1025
YIQ	240.1690, -11.3220, -15.0820

Conversions

Conversions Part 2

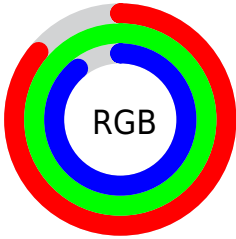
Format	Color
RYB	220, 247, 253
Decimal	14482915
CIELab	96.42, -15.42, 8.87
CIELCh	96, 17.790, 150.088
Yxy	91.0123, 0.3071, 0.3560
Android (android.graphics.Color)	4292672995 (0xFFDCFD3)
YUV	240.1690, -6.4923, -17.6882
Hunter-Lab	95.4003, -20.0617, 13.2687

Details

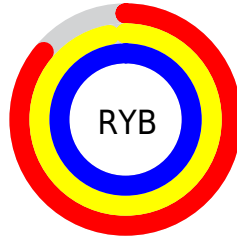
The Hex color **DCFDE3** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FDDCF6**, and the grayscale version is **F0F0F0**.

A 20% lighter version of the original color is **FFFFFF**, and **A5C4AC** is the 20% darker color. If you saturate the color by 10%, you get **C3FDCF**, and if you desaturate by 10%, it is **F5FDF7**.

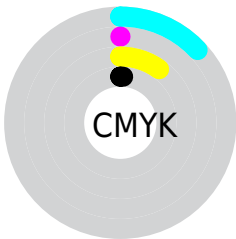
Distribution



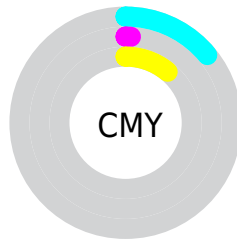
- Red (86%)
- Green (99%)
- Blue (89%)



- Red (86%)
- Yellow (97%)
- Blue (99%)



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)



- Cyan (14%)
- Magenta (1%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCFDE3 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 DCFDE3 by changing the saturation by 10% instead.

 DCFDE3

FFFFFF

 DCFDE3

 C0E0C7

 A5C4AC

 8AA991

 718F77

 58755F

 405C47

 294431

 132E1C

 001A01

 DCFDE3

 DCFDE3

 C3FDCF

 F5FDF7

 A9FDBB

 FFFDFF

 90FDA7

 77FD93

 5EFD7F

 44FD6B

 2BFD57

 12FD44

 00FD36

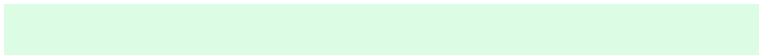
Harmonies

Analogous

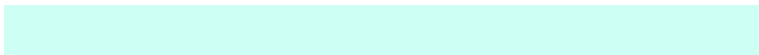
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



EFF9D7



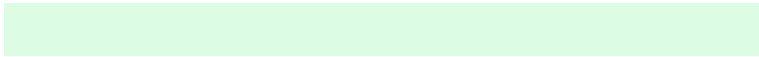
DCFDE3



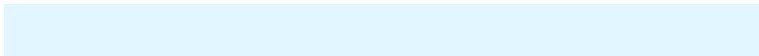
CDFFF4

Triad

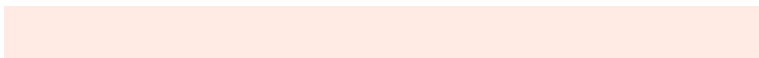
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DCFDE3



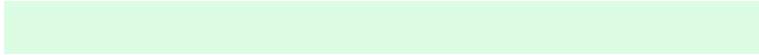
E2F6FF



FFEAE4

Complementary

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



DCFDE3



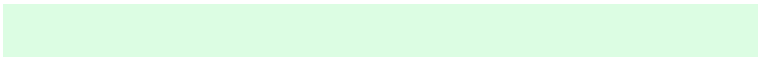
FDDCF6

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.



FFE9F5



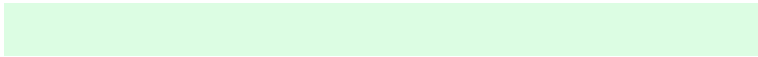
DCFDE3



F8F0FF

Square

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



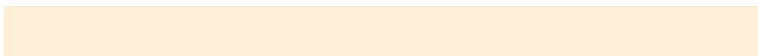
DCFDE3



D0FBFF



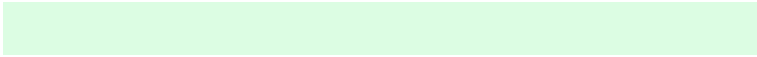
FFEBFF



FFEE7

Rectangle

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



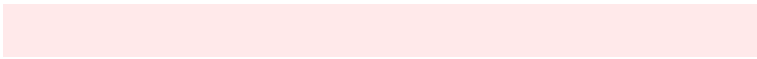
DCFDE3



C9FFFF



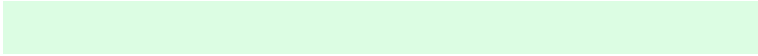
FFEBFF



FFE9EA

Sweetspot

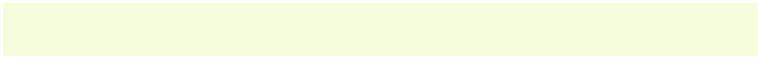
The Sweet Spot groups the original color and five complimentary colors.



DCFDE3



F5FFF7



F6FDDC



79807A



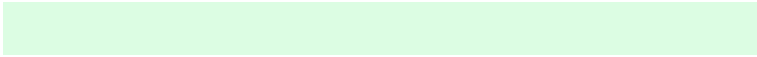
000000



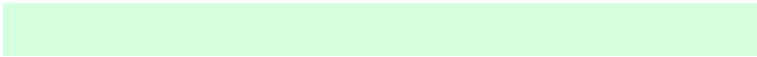
808080

Same Dimension

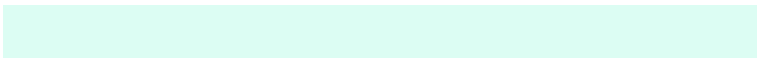
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DCFDE3



D6FFDF



DCFDF3



738075



00BF29



00400E

Inverse Universe

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



FDDCF6



FFD6F6



FDDCE6



80737D



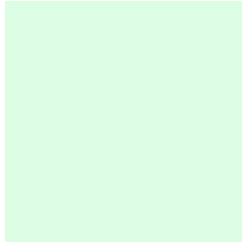
BF0097



400032

Previews

White Background



This preview shows how the Hex color DCFDE3 looks on a white background.

Color Contrast Check

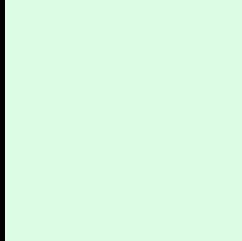
Large Text (above 18pt) WCAG AA × Fail

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 DCFDE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

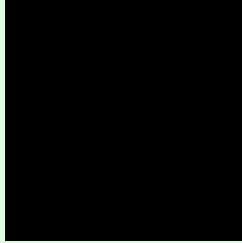
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

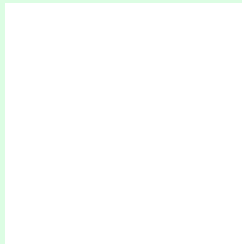
Any Text WCAG AAA ✓ Pass

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

Hex DCFDE3 Background



This preview shows how black text looks on a background with the Hex color DCFDE3.

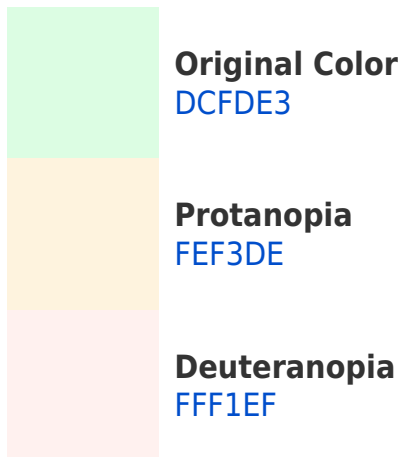


This preview shows how white text looks on a background with the Hex color DCFDE3.

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



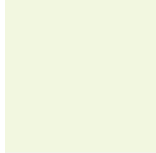


Tritanopia
ECF6FF

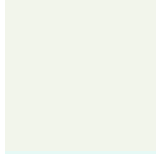
Trichromacy



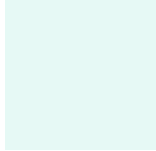
Original Color
DCFDE3



Protanomaly
F2F7E0



Deuteranomaly
F2F5EB

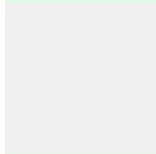


Tritanomaly
E6F9F5

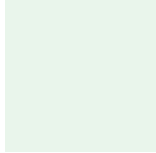
Monochromacy



Original Color
DCFDE3



Achromatopsia
F0F0F0



Achromatomaly
E9F5EB

CSS Examples

Text

The CSS property to change the color of the text to Hex DCFDE3 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 #DCFDE3 looks like.

```
.text, #text, p{  
    color:#DCFDE3  
}
```

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 #DCFDE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCFDE3
}
```

Border

The CSS property to change the border of an element to Hex DCFDE3 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
#DCFDE3 }
```

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

```
.border{ border-color:#DCFDE3 }
```

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

Here you see how a box with a 4 pixel #DCFDE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCFDE3; -webkit-box-shadow:4px 4px  
4px 4px #DCFDE3; box-shadow:4px 4px 4px  
4px #DCFDE3 }
```

Background

The CSS property to change the background color of an element to Hex DCFDE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCFDE3 }
```

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

```
.background{ background-color:#DCFDE3 }
```

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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