

Converting Colors

Hex(DBFED3)

Have a look what the booklet for
Hex(DBFED3) contains.

Hex(DBFED3)	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(DBFED3)

Conversions

Conversions Part 1

Format	Color
Hex	DBFED3
RGB	219, 254, 211
RGB Percent	86%, 100%, 83%
CMY	0.1412, 0.0039, 0.1725
CMYK	0.14, 0.00, 0.17, 0.00
HSL	109°, 96%, 91%
HSV	109°, 17%, 100%
XYZ	76.4131, 90.6468, 75.0972
YIQ	238.6330, -7.0570, -20.7930

Conversions

Conversions Part 2

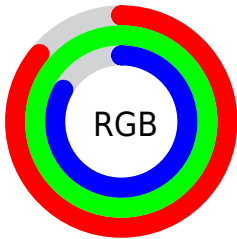
Format	Color
RYB	211, 254, 246
Decimal	14417619
CIELab	96.26, -18.98, 16.85
CIELCh	96, 25.380, 138.391
Yxy	90.6468, 0.3156, 0.3743
Android (android.graphics.Color)	4292607699 (0xFFDBFED3)
YUV	238.6330, -13.6231, -17.2181
Hunter-Lab	95.2086, -23.3535, 19.8802

Details

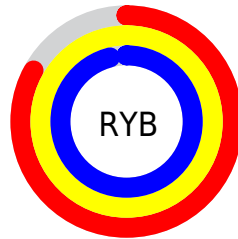
The Hex color **DBFED3** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **F6D3FE**, and the grayscale version is **EFEFEF**.

A 20% lighter version of the original color is **FFFFFF**, and **A4C59C** is the 20% darker color. If you saturate the color by 10%, you get **C6FEBA**, and if you desaturate by 10%, it is **F0FEEC**.

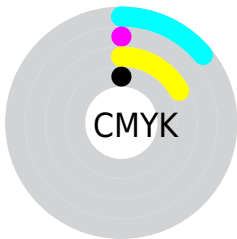
Distribution



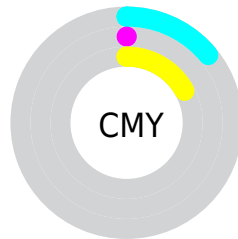
- Red (86%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (96%)



- Cyan (14%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (14%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBFED3 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 DBFED3 by changing the saturation by 10% instead.

 DBFED3

FFFFFF

 DBFED3

 BFE1B7

 A4C59C

 89AA82

 6F8F69

 577651

 3F5D3A

 284524

 112F0F

 001B00

 DBFED3

 DBFED3

 C6FEBA

 F0FEEC

 B2FEA0

FFFEFF

 9DFE87

 88FE6D

 74FE54

 5FFE3B

 4AFE21

 36FE08

 2FFE00

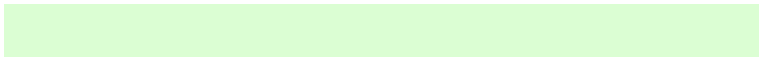
Harmonies

Analogous

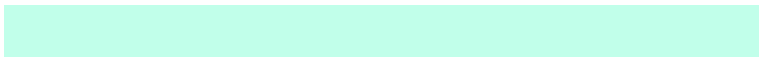
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F7F7C5



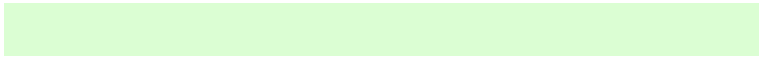
DBFED3



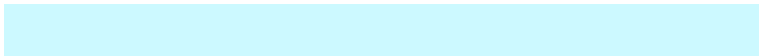
C1FFEA

Triad

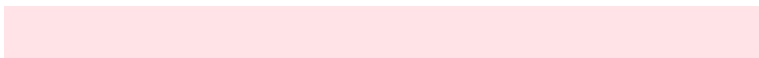
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DBFED3



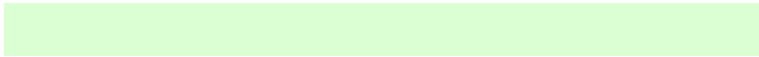
CCF9FF



FFE3E6

Complementary

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



DBFED3



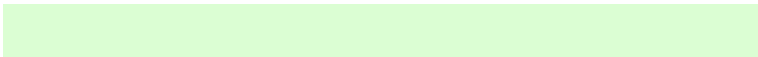
F6D3FE

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.



FFE4FF



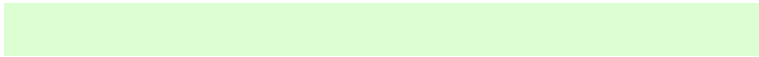
DBFED3



ECF1FF

Square

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



DBFED3



B6FFFF



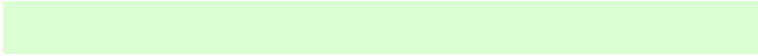
FFE9FF



FFE8D0

Rectangle

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



DBFED3



B6FFFA



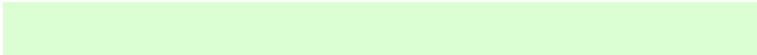
FFE9FF



FFE3EE

Sweetspot

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



DBFED3



F5FFF2



FEF5D3



798078



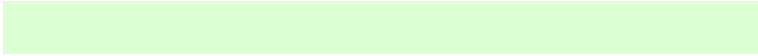
000000



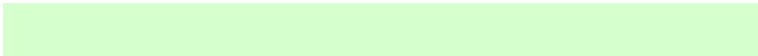
808080

Same Dimension

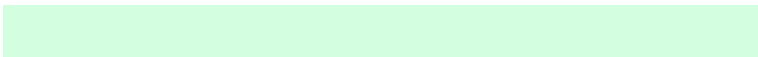
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DBFED3



D5FFCC



D3FEE0



758073



24BF00



0C4000

Inverse Universe

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



F6D3FE



F6CCFF



FED3F1



7D7380



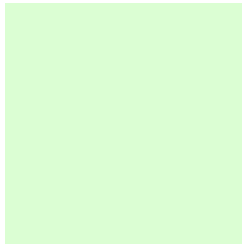
9C00BF



340040

Previews

White Background



This preview shows how the Hex color DBFED3 looks on a white background.

Color Contrast Check

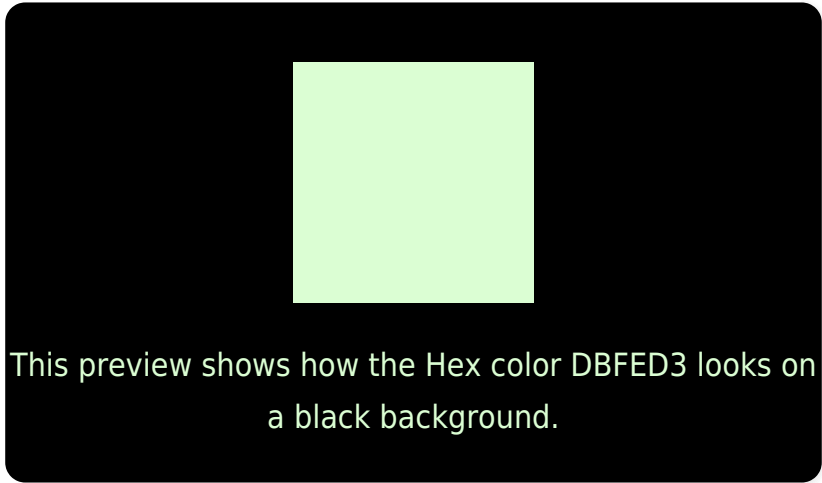
Large Text (above 18pt) WCAG AA × Fail

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

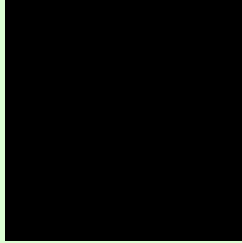
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

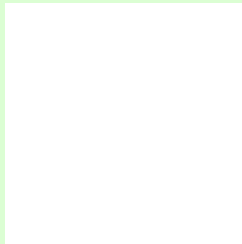
Any Text WCAG AAA ✓ Pass

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

Hex DBFED3 Background



This preview shows how black text looks on a background with the Hex color DBFED3.

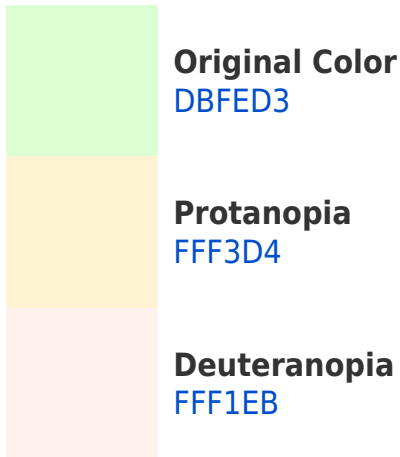


This preview shows how white text looks on a background with the Hex color DBFED3.

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



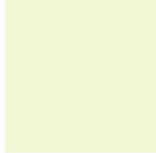


Tritanopia
ECF5FF

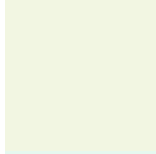
Trichromacy



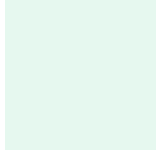
Original Color
DBFED3



Protanomaly
F2F7D4



Deuteranomaly
F2F6E2

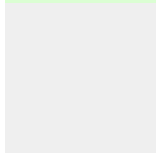


Tritanomaly
E6F8EF

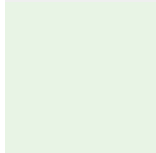
Monochromacy



Original Color
DBFED3



Achromatopsia
EFEFEF



Achromatomaly
E8F4E5

CSS Examples

Text

The CSS property to change the color of the text to Hex DBFED3 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 #DBFED3 looks like.

```
.text, #text, p{  
    color:#DBFED3  
}
```

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 #DBFED3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBFED3  
}
```

Border

The CSS property to change the border of an element to Hex DBFED3 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  
#DBFED3 }
```

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

```
.border{ border-color:#DBFED3 }
```

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

Here you see how a box with a 4 pixel #DBFED3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBFED3; -webkit-box-shadow:4px 4px  
4px 4px #DBFED3; box-shadow:4px 4px 4px  
4px #DBFED3 }
```

Background

The CSS property to change the background color of an element to Hex DBFED3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBFED3 }
```

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

```
.background{ background-color:#DBFED3 }
```

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