

Converting Colors

Hex(DBEFC7)

Have a look what the booklet for
Hex(DBEFC7) contains.

Hex(DBEFC7)	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(DBEFC7)

Conversions

Conversions Part 1

Format	Color
Hex	DBEFC7
RGB	219, 239, 199
RGB Percent	86%, 94%, 78%
CMY	0.1412, 0.0627, 0.2196
CMYK	0.08, 0.00, 0.17, 0.06
HSL	90°, 56%, 86%
HSV	90°, 17%, 94%
XYZ	70.3887, 80.9166, 65.9414
YIQ	228.4600, 0.9200, -16.6800

Conversions

Conversions Part 2

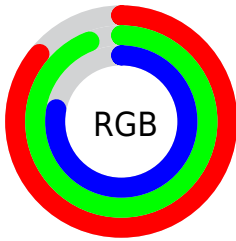
Format	Color
RYB	199, 239, 219
Decimal	14413767
CIELab	92.09, -13.56, 17.16
CIElCh	92, 21.868, 128.313
Yxy	80.9166, 0.3240, 0.3725
Android (android.graphics.Color)	4292603847 (0xFFDBEFC7)
YUV	228.4600, -14.5238, -8.2964
Hunter-Lab	89.9537, -17.7427, 19.5044

Details

The Hex color **DBEFC7** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **DBC7EF**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFFF**, and **A4B791** is the 20% darker color. If you saturate the color by 10%, you get **CFEFAF**, and if you desaturate by 10%, it is **E7EFDf**.

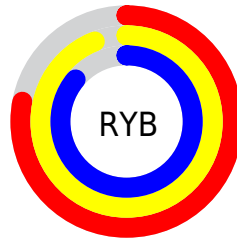
Distribution



Red (86%)

Green (94%)

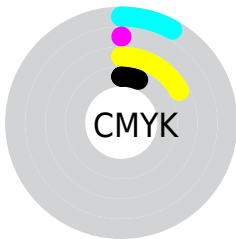
Blue (78%)



Red (78%)

Yellow (94%)

Blue (86%)

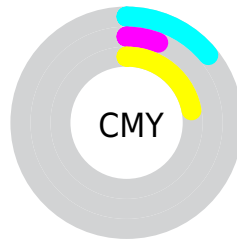


Cyan (8%)

Magenta (0%)

Yellow (17%)

Black (6%)



Cyan (14%)

Magenta (6%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBEFC7 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 DBEFC7 by changing the saturation by 10% instead.

 DBEFC7

FFFFFF

 DBEFC7

 BFD3AC

 A4B791


 899C77

 70825E

 576947

 3F5130

 293A1B

 152401

 000E00

 DBEFC7

 DBEFC7

 CFEFAF

 E7EFDf

 C3EF97

 F3EFF7

 B7EF7F

 FFEFFF

 ABEF67

 9FEF50

 93EF38

 87EF20

 7BEF08

 77EF00

Harmonies

Analogous

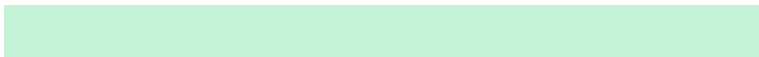
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F3E9BF



DBEFC7



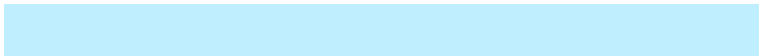
C4F3D8

Triad

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



DBEFC7



BFEFFF



FFDAE3

Complementary

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



DBEFC7



DBC7EF

Split Complementary

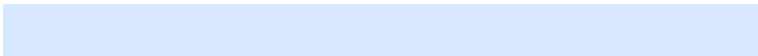
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFDCF8



DBEFC7



D8E8FF

Square

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



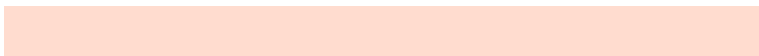
DBEFC7



B1F3FF



F3E1FF



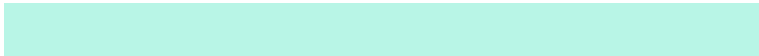
FFDCCF

Rectangle

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



DBEFC7



B8F5E6



F3E1FF



FFDAEA

Sweetspot

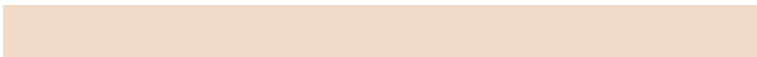
The Sweet Spot groups the original color and five complimentary colors.



DBEFC7



F9FFF2



EFDBC7



7C8078



000000



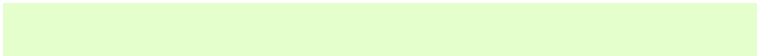
808080

Same Dimension

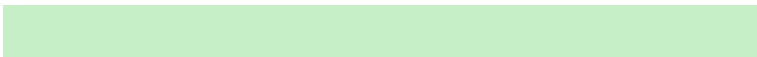
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DBEFC7



E5FFCC



C7EFC7



72786C



5CB800



1C3800

Inverse Universe

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



DBC7EF



E6CCFF



EFC7EF



726C78



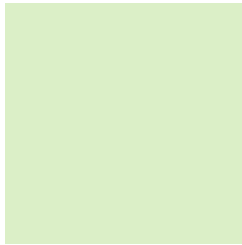
5C00B8



1C0038

Previews

White Background



This preview shows how the Hex color DBEFC7 looks on a white background.

Color Contrast Check

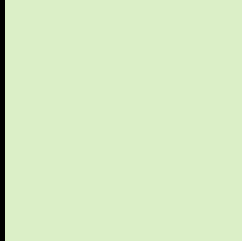
Large Text (above 18pt) WCAG AA × Fail

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 DBEFC7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

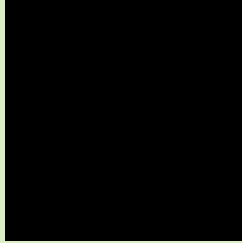
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

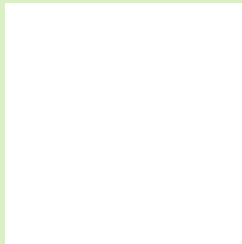
Any Text WCAG AAA ✓ Pass

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

Hex DBEFC7 Background



This preview shows how black text looks on a background with the Hex color DBEFC7.

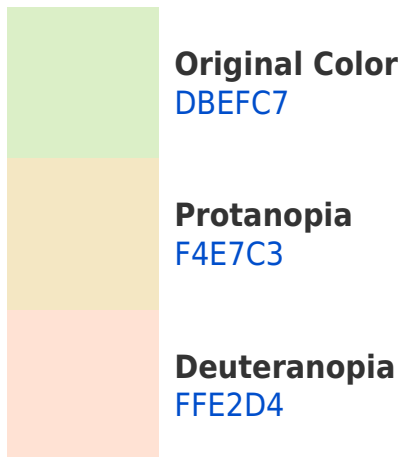


This preview shows how white text looks on a background with the Hex color DBEFC7.

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](#).

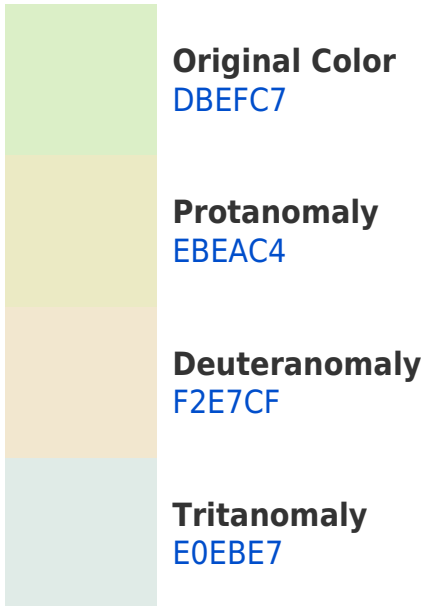
Dichromacy





Tritanopia
E3E8FA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBEFC7 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 #DBEFC7 looks like.

```
.text, #text, p{  
    color:#DBEFC7  
}
```

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 #DBEFC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBEFC7
}
```

Border

The CSS property to change the border of an element to Hex DBEFC7 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
#DBEFC7 }
```

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

```
.border{ border-color:#DBEFC7 }
```

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

Here you see how a box with a 4 pixel #DBEFC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBEFC7; -webkit-box-shadow:4px 4px  
4px 4px #DBEFC7; box-shadow:4px 4px 4px  
4px #DBEFC7 }
```

Background

The CSS property to change the background color of an element to Hex DBEFC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBEFC7 }
```

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

```
.background{ background-color:#DBEFC7 }
```

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