

Converting Colors

Hex(DCF4E7)

Have a look what the booklet for
Hex(DCF4E7) contains.

Hex(DCF4E7)	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(DCF4E7)

Conversions

Conversions Part 1

Format	Color
Hex	DCF4E7
RGB	220, 244, 231
RGB Percent	86%, 96%, 91%
CMY	0.1373, 0.0431, 0.0941
CMYK	0.10, 0.00, 0.05, 0.04
HSL	147°, 52%, 91%
HSV	147°, 10%, 96%
XYZ	76.2897, 85.6865, 88.1196
YIQ	235.3420, -10.1310, -9.1310

Conversions

Conversions Part 2

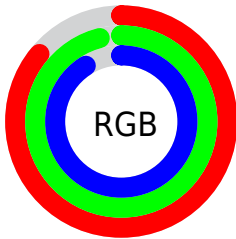
Format	Color
R _Y B	220, 236, 244
Decimal	14480615
CIE Lab	94.18, -10.23, 3.58
CIE LCh	94, 10.843, 160.712
Yxy	85.6865, 0.3050, 0.3426
Android (android.graphics.Color)	4292670695 (0xFFDCF4E7)
YUV	235.3420, -2.1406, -13.4549
Hunter-Lab	92.5670, -14.8804, 8.3555

Details

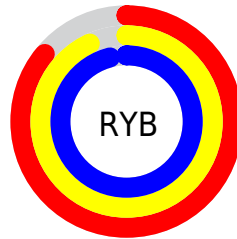
The Hex color **DCF4E7** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F4DCE9**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFFF**, and **A5BCAF** is the 20% darker color. If you saturate the color by 10%, you get **C4F4DA**, and if you desaturate by 10%, it is **F4F4F4**.

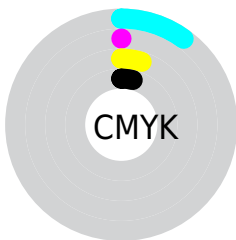
Distribution



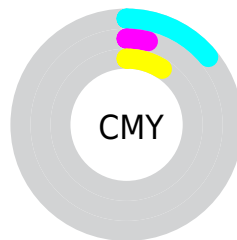
- Red (86%)
- Green (96%)
- Blue (91%)



- Red (86%)
- Yellow (93%)
- Blue (96%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (14%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCF4E7 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 DCF4E7 by changing the saturation by 10% instead.

 DCF4E7

FFFFFF

 DCF4E7

 C0D8CB

 A5BCAF

 8AA195

 71877B

 586D62

 41554A

 2A3E34

 15281F

 001406

 DCF4E7

 DCF4E7

 C4F4DA

 F4F4F4

 ABF4CD

 FFF4FF

 93F4BF

 7AF4B2

 62F4A5

 4AF498

 31F48A

 19F47D

 00F470

Harmonies

Analogous

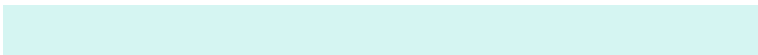
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E7F2DE



DCF4E7



D5F5F2

Triad

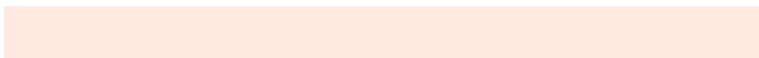
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DCF4E7



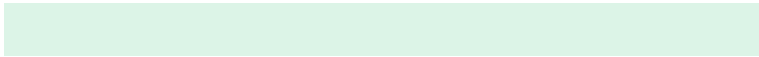
E8EEFF



FFE9E1

Complementary

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



DCF4E7



F4DCE9

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.



FFE7EB



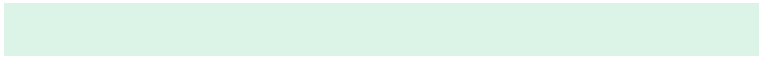
DCF4E7



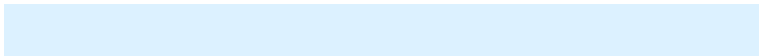
F5EAFE

Square

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



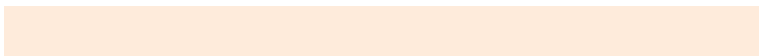
DCF4E7



DCF1FF



FFE8F5



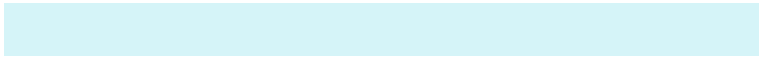
FEEBDB

Rectangle

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



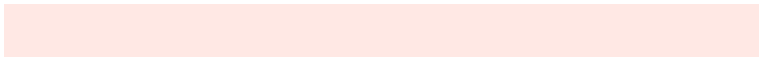
DCF4E7



D5F4F8



FFE8F5



FFE8E4

Sweetspot

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



DCF4E7



F7FFFB



E9F4DC



7A807D



000000



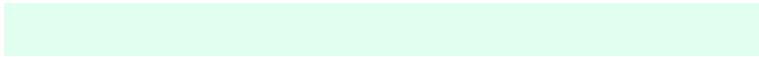
808080

Same Dimension

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



DCF4E7



E0FFEE



DCF4F3



6E7A74



00BA55



003B1B

Inverse Universe

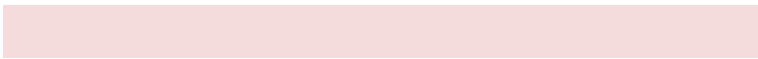
The Inverse Universe completely reimagines the original color for something new.



F4DCE9



FFE0F1



F4DCDD



7A6E75



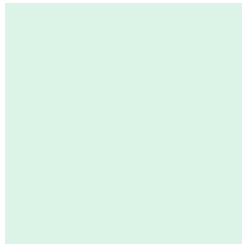
BA0065



3B0020

Previews

White Background



This preview shows how the Hex color DCF4E7 looks on a white background.

Color Contrast Check

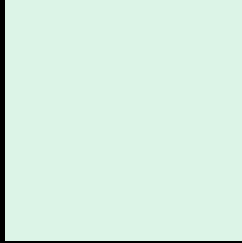
Large Text (above 18pt) WCAG AA × Fail

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 DCF4E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

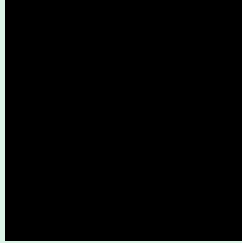
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

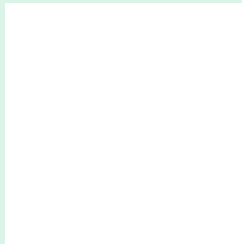
Any Text WCAG AAA ✓ Pass

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

Hex DCF4E7 Background



This preview shows how black text looks on a background with the Hex color DCF4E7.

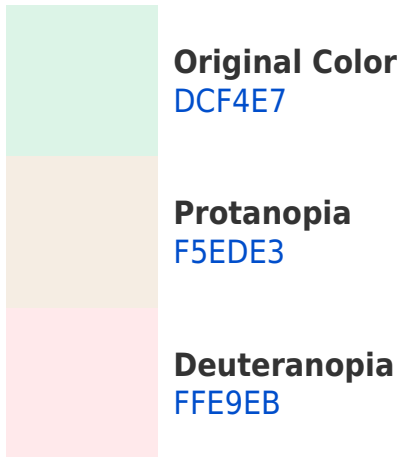


This preview shows how white text looks on a background with the Hex color DCF4E7.

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](#).

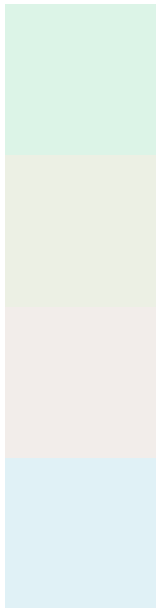
Dichromacy





Tritanopia
E3EFFF

Trichromacy



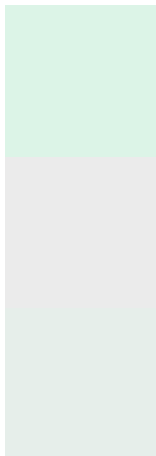
Original Color
DCF4E7

Protanomaly
ECF0E4

Deuteranomaly
F2EDEA

Tritanomaly
E0F1F6

Monochromacy



Original Color
DCF4E7

Achromatopsia
EBEBEB

Achromatomaly
E6EEEA

CSS Examples

Text

The CSS property to change the color of the text to Hex DCF4E7 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 #DCF4E7 looks like.

```
.text, #text, p{  
    color:#DCF4E7  
}
```

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 #DCF4E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCF4E7
}
```

Border

The CSS property to change the border of an element to Hex DCF4E7 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
#DCF4E7 }
```

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

```
.border{ border-color:#DCF4E7 }
```

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

Here you see how a box with a 4 pixel #DCF4E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCF4E7; -webkit-box-shadow:4px 4px  
4px 4px #DCF4E7; box-shadow:4px 4px 4px  
4px #DCF4E7 }
```

Background

The CSS property to change the background color of an element to Hex DCF4E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCF4E7 }
```

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

```
.background{ background-color:#DCF4E7 }
```

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