

Converting Colors

Hex(D4F7E8)

Have a look what the booklet for
Hex(D4F7E8) contains.

Hex(D4F7E8)	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(D4F7E8)

Conversions

Conversions Part 1

Format	Color
Hex	D4F7E8
RGB	212, 247, 232
RGB Percent	83%, 97%, 91%
CMY	0.1686, 0.0314, 0.0902
CMYK	0.14, 0.00, 0.06, 0.03
HSL	154°, 69%, 90%
HSV	154°, 14%, 97%
XYZ	74.9776, 86.3448, 89.0584
YIQ	234.8250, -16.0450, -12.0850

Conversions

Conversions Part 2

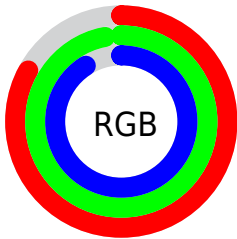
Format	Color
R _{YB}	212, 234, 247
Decimal	13957096
CIE _{Lab}	94.46, -14.13, 3.41
CIE _{LCh}	94, 14.532, 166.439
Y _{xy}	86.3448, 0.2995, 0.3449
Android (android.graphics.Color)	4292147176 (0xFFD4F7E8)
YUV	234.8250, -1.3927, -20.0175
Hunter-Lab	92.9219, -18.5837, 8.2205

Details

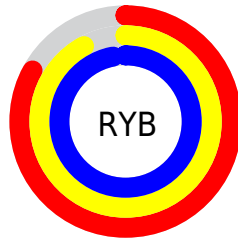
The Hex color **D4F7E8** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F7D4E3**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFFF**, and **9DBFB0** is the 20% darker color. If you saturate the color by 10%, you get **BBF7DD**, and if you desaturate by 10%, it is **EDF7F3**.

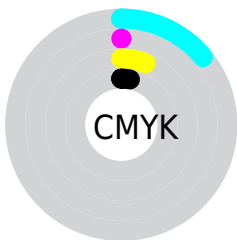
Distribution



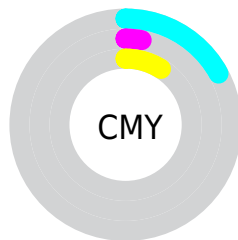
- Red (83%)
- Green (97%)
- Blue (91%)



- Red (83%)
- Yellow (92%)
- Blue (97%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)



- Cyan (17%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4F7E8 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 D4F7E8 by changing the saturation by 10% instead.

 D4F7E8

FFFFFF


 D4F7E8

 B8DACC

 9DBFB0

 83A396

 69897C

 517063

 39574B

 224035

 0C2A1F

 001607

 D4F7E8

 D4F7E8

 BBF7DD

 EDF7F3

 A3F7D3

 FFF7FD

 8AF7C8

 FFF7FF

 71F7BE

 59F7B3

 40F7A8

 27F79E

 0EF793

 00F78D

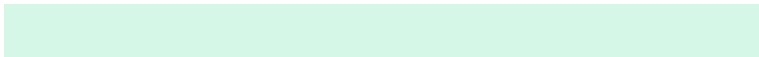
Harmonies

Analogous

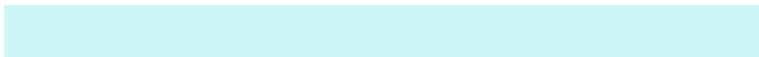
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E2F5DB



D4F7E8



CCF7F6

Triad

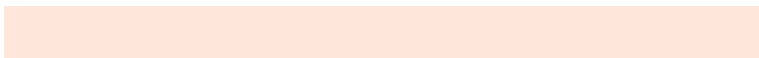
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D4F7E8



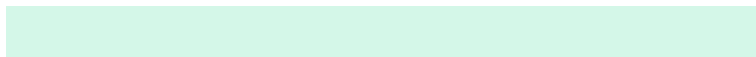
EAE EFF



FFE8DB

Complementary

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



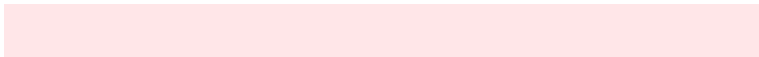
D4F7E8



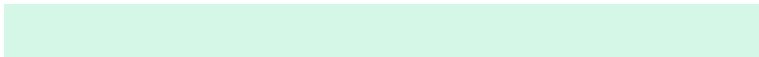
F7D4E3

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.



FFE6E8



D4F7E8



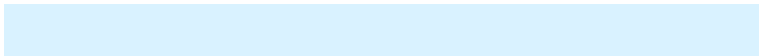
FBE9FF

Square

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



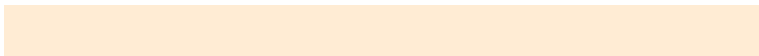
D4F7E8



D9F2FF



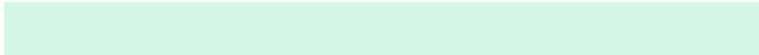
FFE6F6



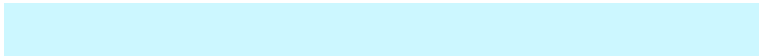
FFECD4

Rectangle

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



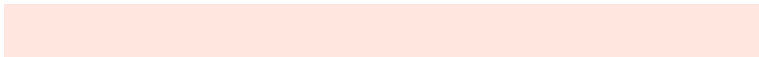
D4F7E8



CCF7FF



FFE6F6



FFE7DF

Sweetspot

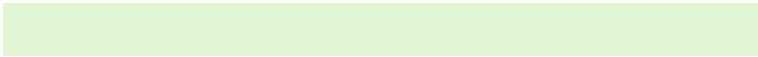
The Sweet Spot groups the original color and five complimentary colors.



D4F7E8



F5FFFB



E3F7D4



79807D



000000



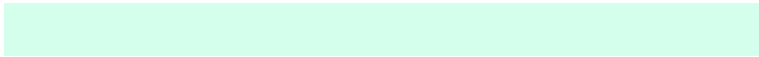
808080

Same Dimension

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



D4F7E8



D4FFEC



D4F5F7



6E7A75



00BA6A



003B22

Inverse Universe

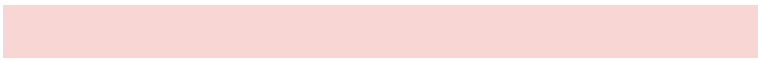
The Inverse Universe completely reimagines the original color for something new.



F7D4E3



FFD4E6



F7D6D4



7A6E73



BA0050



3B0019

Previews

White Background



This preview shows how the Hex color D4F7E8 looks on a white background.

Color Contrast Check

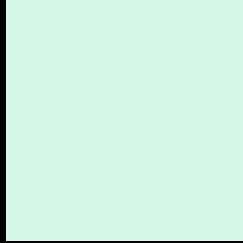
Large Text (above 18pt) WCAG AA × Fail

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 D4F7E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

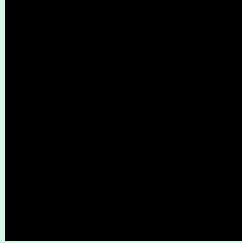
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

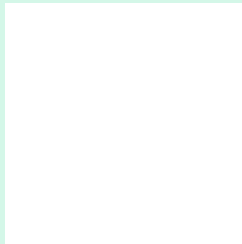
Any Text WCAG AAA ✓ Pass

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

Hex D4F7E8 Background



This preview shows how black text looks on a background with the Hex color D4F7E8.

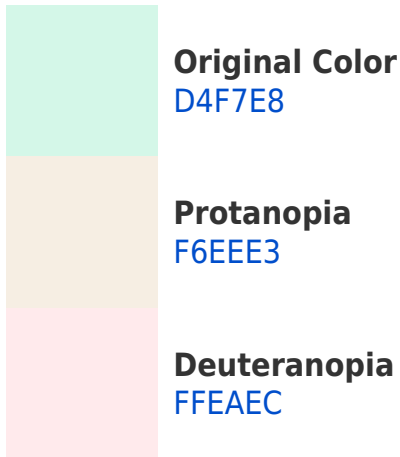


This preview shows how white text looks on a background with the Hex color D4F7E8.

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



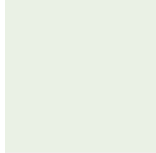


Tritanopia
E0F1FF

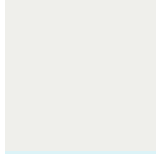
Trichromacy



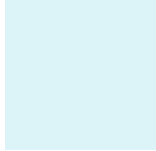
Original Color
D4F7E8



Protanomaly
EAF1E5



Deuteranomaly
EFEFEB

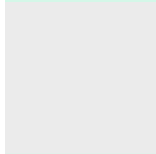


Tritanomaly
DCF3F7

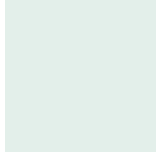
Monochromacy



Original Color
D4F7E8



Achromatopsia
EBEBEB



Achromatomaly
E3EFEA

CSS Examples

Text

The CSS property to change the color of the text to Hex D4F7E8 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 #D4F7E8 looks like.

```
.text, #text, p{  
    color:#D4F7E8  
}
```

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 #D4F7E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4F7E8
}
```

Border

The CSS property to change the border of an element to Hex D4F7E8 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
#D4F7E8 }
```

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

```
.border{ border-color:#D4F7E8 }
```

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

Here you see how a box with a 4 pixel #D4F7E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4F7E8; -webkit-box-shadow:4px 4px  
4px 4px #D4F7E8; box-shadow:4px 4px 4px  
4px #D4F7E8 }
```

Background

The CSS property to change the background color of an element to Hex D4F7E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4F7E8 }
```

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

```
.background{ background-color:#D4F7E8 }
```

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