

Converting Colors

Hex(E7F8DD)

Have a look what the booklet for
Hex(E7F8DD) contains.

Hex(E7F8DD)	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(E7F8DD)

Conversions

Conversions Part 1

Format	Color
Hex	E7F8DD
RGB	231, 248, 221
RGB Percent	91%, 97%, 87%
CMY	0.0941, 0.0275, 0.1333
CMYK	0.07, 0.00, 0.11, 0.03
HSL	98°, 66%, 92%
HSV	98°, 11%, 97%
XYZ	79.5735, 89.3442, 81.4578
YIQ	239.8390, -1.4650, -12.0010

Conversions

Conversions Part 2

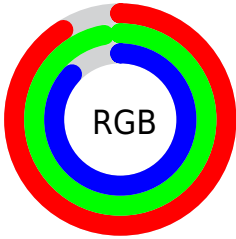
Format	Color
R_{YB}	221, 248, 238
Decimal	15202525
CIE _{Lab}	95.72, -10.32, 11.07
CIE _{LCh}	96, 15.135, 133.010
Yxy	89.3442, 0.3178, 0.3568
Android (android.graphics.Color)	4293392605 (0xFFE7F8DD)
YUV	239.8390, -9.2876, -7.7518
Hunter-Lab	94.5221, -15.1431, 15.0701

Details

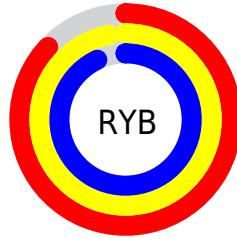
The Hex color **E7F8DD** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **EEDDF8**, and the grayscale version is **F0F0F0**.

A 20% lighter version of the original color is **FFFFFF**, and **AFC0A6** is the 20% darker color. If you saturate the color by 10%, you get **D7F8C4**, and if you desaturate by 10%, it is **F7F8F6**.

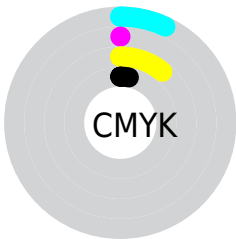
Distribution



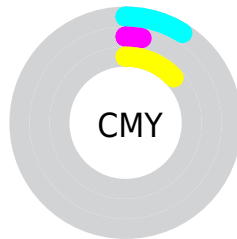
- Red (91%)
- Green (97%)
- Blue (87%)



- Red (87%)
- Yellow (97%)
- Blue (93%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (3%)



- Cyan (9%)
- Magenta (3%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color E7F8DD 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 E7F8DD by changing the saturation by 10% instead.

 E7F8DD

FFFFFF

 E7F8DD

 CBDBC1

 AFC0A6

 95A58C

 7B8A72

 62715A

 4A5842

 33412C

 1E2B17

 051700

 E7F8DD

 E7F8DD

 D7F8C4

 F7F8F6

 C8F8AB

 FFF8FF

 B8F893

 A9F87A

 99F861

 89F848

 7AF82F

 6AF817

 5CF800

Harmonies

Analogous

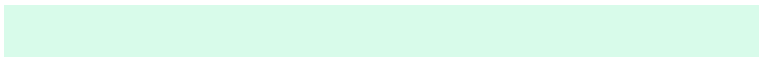
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F8F4D6



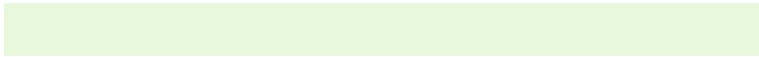
E7F8DD



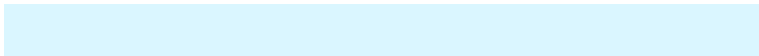
D8FBEA

Triad

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



E7F8DD



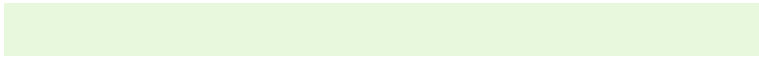
DAF6FF



FFE9ED

Complementary

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



E7F8DD



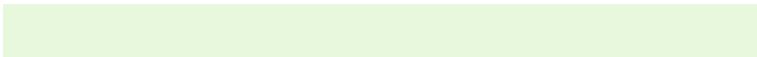
EEDDF8

Split Complementary

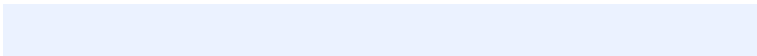
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFE AFC



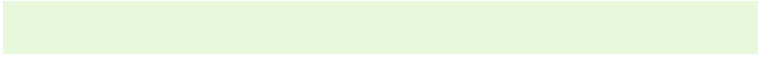
E7F8DD



EBF2FF

Square

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



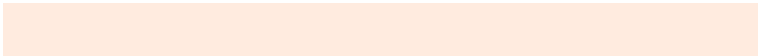
E7F8DD



CFFAFF



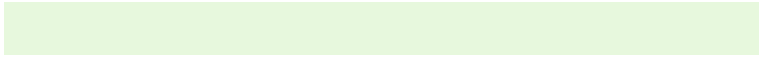
FDEDFD



FFEBDF

Rectangle

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



E7F8DD



D1FCF4



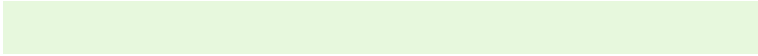
FDEDFD



FFE9F2

Sweetspot

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



E7F8DD



FAFFF7



F8EEDD



7C807A



000000



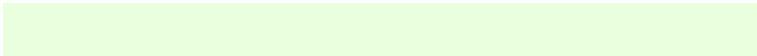
808080

Same Dimension

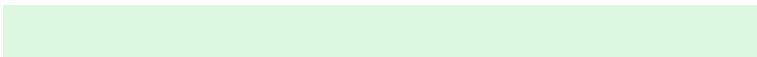
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E7F8DD



EAFFDE



DDF8E0



757D70



46BD00



173D00

Inverse Universe

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



EEDDF8



F3DEFF



F8DDF5



78707D



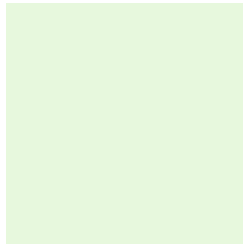
7700BD



27003D

Previews

White Background



This preview shows how the Hex color E7F8DD looks on a white background.

Color Contrast Check

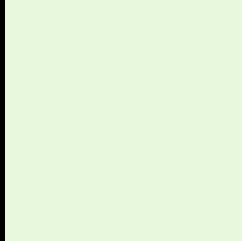
Large Text (above 18pt) WCAG AA × Fail

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 E7F8DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

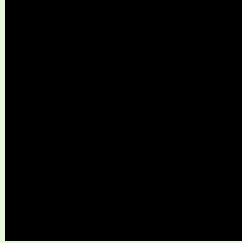
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

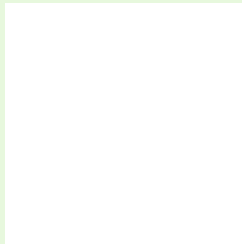
Any Text WCAG AAA ✓ Pass

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

Hex E7F8DD Background



This preview shows how black text looks on a background with the Hex color E7F8DD.

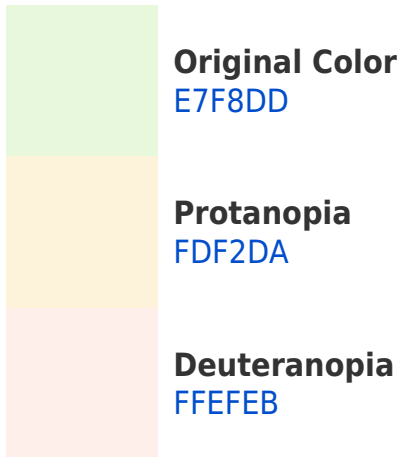


This preview shows how white text looks on a background with the Hex color E7F8DD.

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](#).

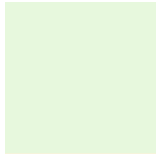
Dichromacy



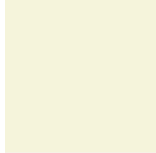


Tritanopia
EFF2FF

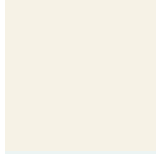
Trichromacy



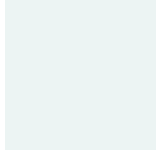
Original Color
E7F8DD



Protanomaly
F5F4DB

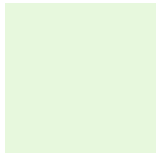


Deuteranomaly
F6F2E6

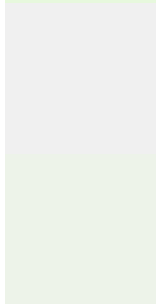


Tritanomaly
ECF4F3

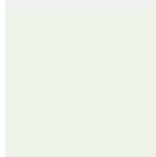
Monochromacy



Original Color
E7F8DD



Achromatopsia
F0F0F0



Achromatomaly
EDF3E9

CSS Examples

Text

The CSS property to change the color of the text to Hex E7F8DD 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 #E7F8DD looks like.

```
.text, #text, p{  
    color:#E7F8DD  
}
```

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 #E7F8DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7F8DD }  
}
```

Border

The CSS property to change the border of an element to Hex E7F8DD 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 #E7F8DD }  
}
```

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

```
.border{ border-color:#E7F8DD }
```

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

Here you see how a box with a 4 pixel #E7F8DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7F8DD; -webkit-box-shadow:4px 4px  
4px 4px #E7F8DD; box-shadow:4px 4px 4px  
4px #E7F8DD }
```

Background

The CSS property to change the background color of an element to Hex E7F8DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7F8DD }
```

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

```
.background{ background-color:#E7F8DD }
```

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