

Converting Colors

Hex(D7EF8D)

Have a look what the booklet for
Hex(D7EF8D) contains.

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Color

Hex(D7EF8D)

Conversions

Conversions Part 1

Format	Color
Hex	D7EF8D
RGB	215, 239, 141
RGB Percent	84%, 94%, 55%
CMY	0.1569, 0.0627, 0.4471
CMYK	0.10, 0.00, 0.41, 0.06
HSL	75°, 75%, 75%
HSV	75°, 41%, 94%
XYZ	63.6986, 78.1032, 36.9175
YIQ	220.6520, 17.1540, -35.5660

Conversions

Conversions Part 2

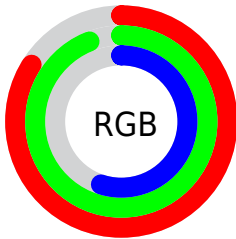
Format	Color
RYB	141, 239, 165
Decimal	14151565
CIELab	90.83, -22.90, 44.72
CIELCh	91, 50.247, 117.119
Yxy	78.1032, 0.3564, 0.4370
Android (android.graphics.Color)	4292341645 (0xFFD7EF8D)
YUV	220.6520, -39.2684, -4.9568
Hunter-Lab	88.3760, -26.0010, 37.0959

Details

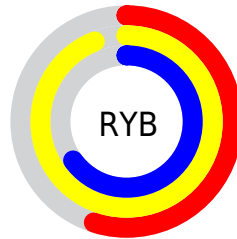
The Hex color **D7EF8D** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **A58DEF**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFC4**, and **9FB759** is the 20% darker color. If you saturate the color by 10%, you get **D1EF75**, and if you desaturate by 10%, it is **DDEFA5**.

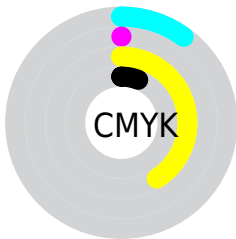
Distribution



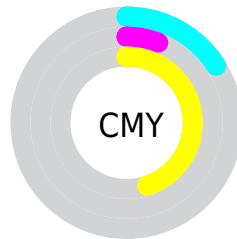
- Red (84%)
- Green (94%)
- Blue (55%)



- Red (55%)
- Yellow (94%)
- Blue (65%)



- Cyan (10%)
- Magenta (0%)
- Yellow (41%)
- Black (6%)



- Cyan (16%)
- Magenta (6%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7EF8D 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 D7EF8D by changing the saturation by 10% instead.

 D7EF8D

 D7EF8D

FFFFFF

 BBD373

 FFFFC4

 9FB759

 FFFFEO

 849C3F

FFFFFFD

 698226

 4F6908

 365100

 1D3900

 002400

 000600

 D7EF8D

 D7EF8D

 D1EF75

 DDEFA5

 CBEF5D

 E3EFBD

 C5EF45

 E9EFD5

 C0EF2D

 EEEFED

 BAEF16

 F4EFFF

 B4EF00

 FAEFFF

 FFEFFF

Harmonies

Analogous

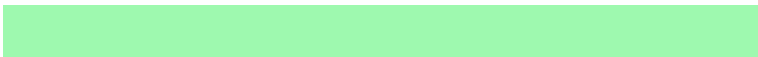
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE084



D7EF8D



9EF9AF

Triad

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



D7EF8D



21F7FF



FFBFEB

Complementary

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



D7EF8D



A58DEF

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.



FFC9FF



D7EF8D



93EBFF

Square

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



D7EF8D



00DFF



E3DAFF



FFC2BB

Rectangle

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



D7EF8D



71FDCE



E3DAFF



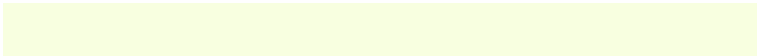
FFC1FC

Sweetspot

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



D7EF8D



F8FFE0



EFA48D



7B806E



000000



808080

Same Dimension

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



D7EF8D



E0FF82



A7EF8D



75786C



8BB800



2A3800

Inverse Universe

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



A58DEF



A182FF



D58DEF



6F6C78



2D00B8



0E0038

Previews

White Background



This preview shows how the Hex color D7EF8D 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 D7EF8D 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 D7EF8D Background



This preview shows how black text looks on a background with the Hex color D7EF8D.

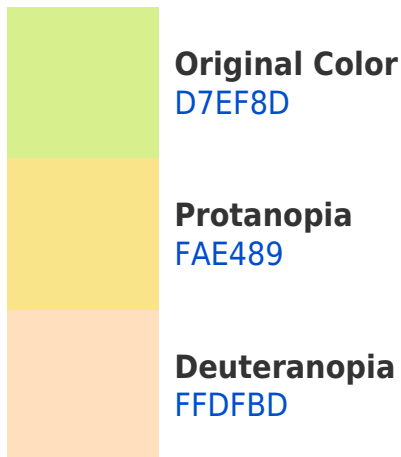


This preview shows how white text looks on a background with the Hex color D7EF8D.

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



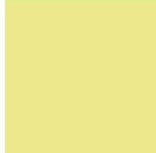


Tritanopia
E4E3F5

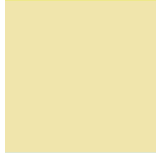
Trichromacy



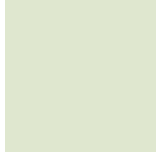
Original Color
D7EF8D



Protanomaly
EDE88A

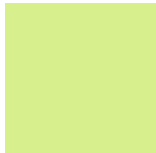


Deuteranomaly
F0E5AC

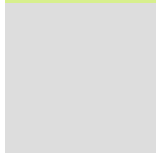


Tritanomaly
DFE7CF

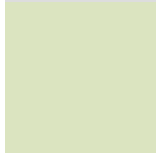
Monochromacy



Original Color
D7EF8D



Achromatopsia
DDDDDD



Achromatomaly
DBE4C0

CSS Examples

Text

The CSS property to change the color of the text to Hex D7EF8D 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 #D7EF8D looks like.

```
.text, #text, p{  
    color:#D7EF8D  
}
```

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 #D7EF8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7EF8D }  
}
```

Border

The CSS property to change the border of an element to Hex D7EF8D 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 #D7EF8D }  
}
```

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

```
.border{ border-color:#D7EF8D }
```

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

Here you see how a box with a 4 pixel #D7EF8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7EF8D; -webkit-box-shadow:4px 4px  
4px 4px #D7EF8D; box-shadow:4px 4px 4px  
4px #D7EF8D }
```

Background

The CSS property to change the background color of an element to Hex D7EF8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7EF8D }
```

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

```
.background{ background-color:#D7EF8D }
```

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](#).

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