

Converting Colors

Hex(D7ED85)

Have a look what the booklet for
Hex(D7ED85) contains.

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Color

Hex(D7ED85)

Conversions

Conversions Part 1

Format	Color
Hex	D7ED85
RGB	215, 237, 133
RGB Percent	84%, 93%, 52%
CMY	0.1569, 0.0706, 0.4784
CMYK	0.09, 0.00, 0.44, 0.07
HSL	73°, 74%, 73%
HSV	73°, 44%, 93%
XYZ	62.5422, 76.7089, 33.7003
YIQ	218.5660, 20.2720, -37.0080

Conversions

Conversions Part 2

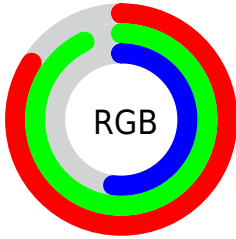
Format	Color
RYB	133, 237, 155
Decimal	14151045
CIELab	90.19, -22.81, 47.80
CIElCh	90, 52.960, 115.515
Yxy	76.7089, 0.3616, 0.4435
Android (android.graphics.Color)	4292341125 (0xFFD7ED85)
YUV	218.5660, -42.1840, -3.1274
Hunter-Lab	87.5836, -25.8071, 38.4950

Details

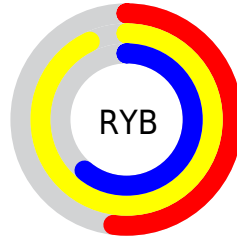
The Hex color **D7ED85** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9B85ED**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFBC**, and **9FB551** is the 20% darker color. If you saturate the color by 10%, you get **D2ED6D**, and if you desaturate by 10%, it is **DCED9D**.

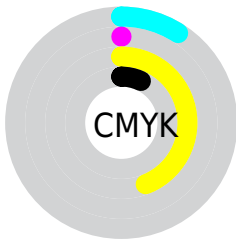
Distribution



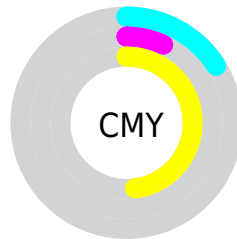
- Red (84%)
- Green (93%)
- Blue (52%)



- Red (52%)
- Yellow (93%)
- Blue (61%)



- Cyan (9%)
- Magenta (0%)
- Yellow (44%)
- Black (7%)



- Cyan (16%)
- Magenta (7%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7ED85 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 D7ED85 by changing the saturation by 10% instead.

 D7ED85

 D7ED85

FFFFFF

 BAD16B

 FFFFBC

 9FB551

 FFFFD8

 839A37

 FFFFF5

 69801C

 4F6700

 364F00

 1C3800

 002300

 000100

 D7ED85

 D7ED85

 D2ED6D

 DCED9D

 CEED56

 E1EDB4

 C8ED3E

 E6EDCC

 C3ED26

 EBEBE4

 BEED0F

 F0EDFB

 BBED00

 F5EDFF

 FAEDFF

 FFEDFF

Harmonies

Analogous

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



FFDD7D



D7ED85



9BF8A8

Triad

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



D7ED85



00F7FF



FFBBED

Complementary

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



D7ED85



9B85ED

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.



FFC6FF



D7ED85



84EAFF

Square

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



D7ED85



00DFFF



DDD9FF



FFBDBA

Rectangle

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



D7ED85



69FCC8



DDD9FF



FFBDFE

Sweetspot

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



D7ED85



F8FFDE



ED9A85



7B806B



000000



808080

Same Dimension

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



D7ED85



E2FF78



A4ED85



73756A



8FB500



2A3600

Inverse Universe

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



9B85ED



9478FF



CE85ED



6C6A75



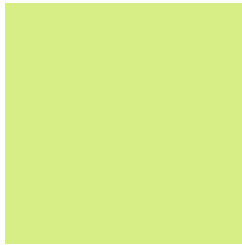
2600B5



0B0036

Previews

White Background



This preview shows how the Hex color D7ED85 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 D7ED85 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 D7ED85 Background



This preview shows how black text looks on a background with the Hex color D7ED85.

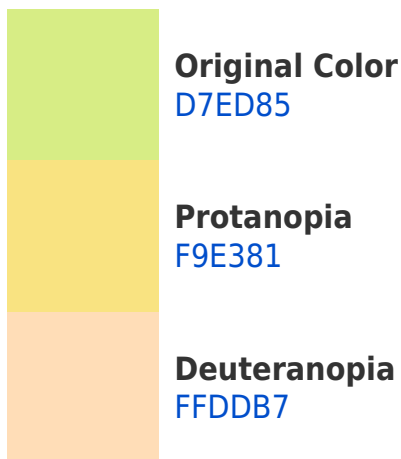


This preview shows how white text looks on a background with the Hex color D7ED85.

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](#).

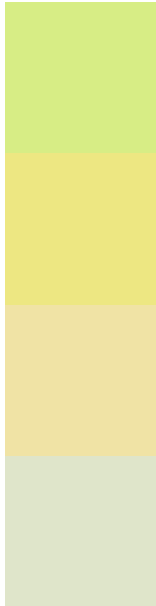
Dichromacy





Tritanopia
E4E0F2

Trichromacy



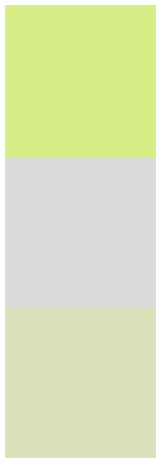
Original Color
D7ED85

Protanomaly
EDE782

Deuteranomaly
F0E3A5

Tritanomaly
DFE5CA

Monochromacy



Original Color
D7ED85

Achromatopsia
DBDBDB

Achromatomaly
DAE2BC

CSS Examples

Text

The CSS property to change the color of the text to Hex D7ED85 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 #D7ED85 looks like.

```
.text, #text, p{  
    color:#D7ED85  
}
```

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 #D7ED85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7ED85
}
```

Border

The CSS property to change the border of an element to Hex D7ED85 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
#D7ED85 }
```

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

```
.border{ border-color:#D7ED85 }
```

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

Here you see how a box with a 4 pixel #D7ED85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7ED85; -webkit-box-shadow:4px 4px  
4px 4px #D7ED85; box-shadow:4px 4px 4px  
4px #D7ED85 }
```

Background

The CSS property to change the background color of an element to Hex D7ED85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7ED85 }
```

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

```
.background{ background-color:#D7ED85 }
```

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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