

Converting Colors

Hex(D1EE80)

Have a look what the booklet for
Hex(D1EE80) contains.

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Color

Hex(D1EE80)

Conversions

Conversions Part 1

Format	Color
Hex	D1EE80
RGB	209, 238, 128
RGB Percent	82%, 93%, 50%
CMY	0.1804, 0.0667, 0.4980
CMYK	0.12, 0.00, 0.46, 0.07
HSL	76°, 76%, 72%
HSV	76°, 46%, 93%
XYZ	60.7653, 76.2629, 31.9396
YIQ	216.7890, 18.0260, -40.3580

Conversions

Conversions Part 2

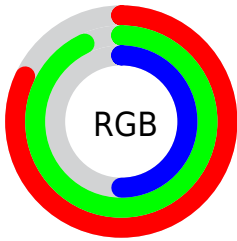
Format	Color
RYB	128, 238, 157
Decimal	13758080
CIELab	89.98, -26.08, 49.84
CIELCh	90, 56.250, 117.624
Yxy	76.2629, 0.3596, 0.4513
Android (android.graphics.Color)	4291948160 (0xFFD1EE80)
YUV	216.7890, -43.7730, -6.8310
Hunter-Lab	87.3286, -28.6206, 39.4453

Details

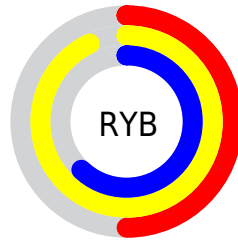
The Hex color **D1EE80** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **9D80EE**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFB7**, and **99B64C** is the 20% darker color. If you saturate the color by 10%, you get **CBEE68**, and if you desaturate by 10%, it is **D7EE98**.

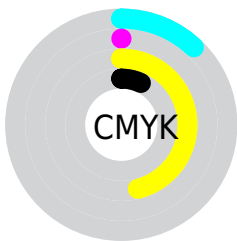
Distribution



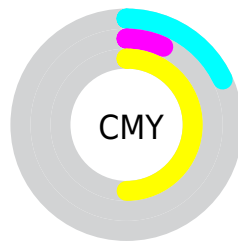
- Red (82%)
- Green (93%)
- Blue (50%)



- Red (50%)
- Yellow (93%)
- Blue (62%)



- Cyan (12%)
- Magenta (0%)
- Yellow (46%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1EE80 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 D1EE80 by changing the saturation by 10% instead.

 D1EE80

 D1EE80

FFFFFF

 B5D266

 FFFFB7

 99B64C

 FFFFD3

 7D9B31

 FFFFF0

 638115

 496800

 305000

 143800

 002300

 000000

 D1EE80

 D1EE80

 CBEE68

 D7EE98

 C4EE50

 DEEEB0

 BEEE39

 E4EEC7

 B8EE21

 EAEEDF

 B2EE09

 F0EEF7

 AFEE00

 F7EEFF

 FDEEFF

 FFEEFF

Harmonies

Analogous

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



FFDE75



D1EE80



8FF9A7

Triad

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



D1EE80



00F7FF



FFB7E9

Complementary

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



D1EE80



9D80EE

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.



FFC2FF



D1EE80



80E9FF

Square

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



D1EE80



00DFF



E0D6FF



FFBBB3

Rectangle

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



D1EE80



54FDC9



E0D6FF



FFB9FB

Sweetspot

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



D1EE80



F6FFDB



EE9B80



7A806A



000000



808080

Same Dimension

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



D1EE80



DAFF73



9BEE80



75786C



87B800



293800

Inverse Universe

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



9D80EE



9873FF



D280EE



6F6C78



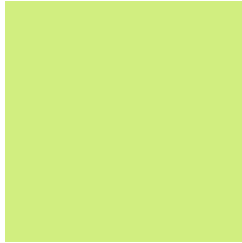
3000B8



0F0038

Previews

White Background



This preview shows how the Hex color D1EE80 looks on a white background.

Color Contrast Check

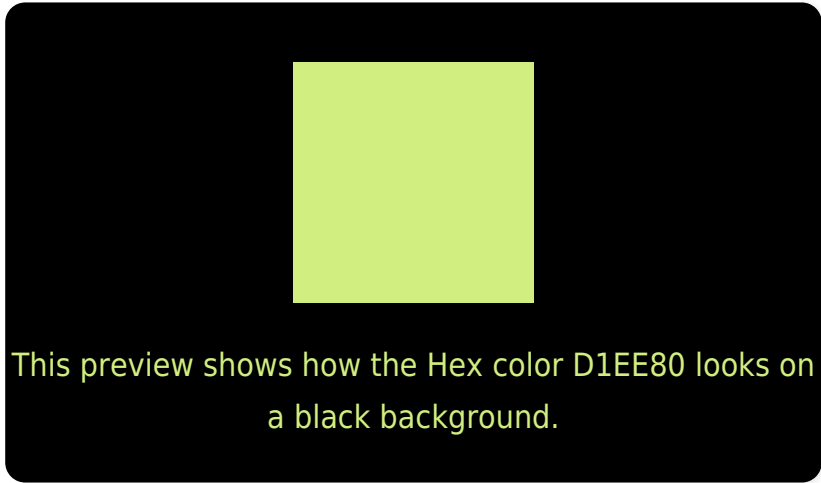
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 D1EE80 Background



This preview shows how black text looks on a background with the Hex color D1EE80.

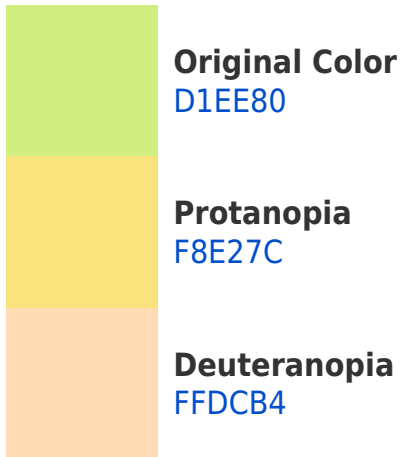


This preview shows how white text looks on a background with the Hex color D1EE80.

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](#).

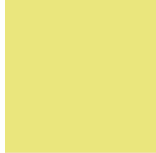
Dichromacy



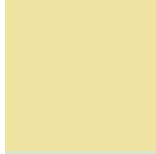
Trichromacy



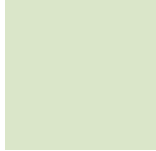
Original Color
D1EE80



Protanomaly
EAE67D



Deuteranomaly
EEE3A1

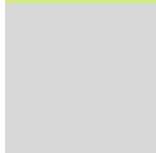


Tritanomaly
DAE6C9

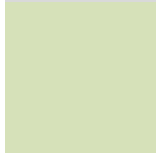
Monochromacy



Original Color
D1EE80



Achromatopsia
D9D9D9



Achromatomaly
D6E1B9

CSS Examples

Text

The CSS property to change the color of the text to Hex D1EE80 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 #D1EE80 looks like.

```
.text, #text, p{  
    color:#D1EE80  
}
```

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 #D1EE80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1EE80
}
```

Border

The CSS property to change the border of an element to Hex D1EE80 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
#D1EE80 }
```

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

```
.border{ border-color:#D1EE80 }
```

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

Here you see how a box with a 4 pixel #D1EE80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1EE80; -webkit-box-shadow:4px 4px  
4px 4px #D1EE80; box-shadow:4px 4px 4px  
4px #D1EE80 }
```

Background

The CSS property to change the background color of an element to Hex D1EE80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1EE80 }
```

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

```
.background{ background-color:#D1EE80 }
```

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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