

# Converting Colors

Hex(D1EB7C)

Have a look what the booklet for  
Hex(D1EB7C) contains.

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# **Color**

**Hex(D1EB7C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1EB7C
RGB	209, 235, 124
RGB Percent	82%, 92%, 49%
CMY	0.1804, 0.0784, 0.5137
CMYK	0.11, 0.00, 0.47, 0.08
HSL	74°, 74%, 70%
HSV	74°, 47%, 92%
XYZ	59.6409, 74.4272, 30.2913
YIQ	214.5720, 20.1350, -40.0330

# Conversions

## Conversions Part 2

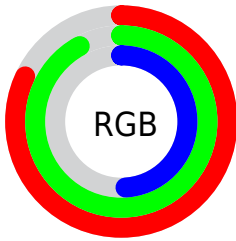
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 235, 150
Decimal	13757308
CIELab	89.12, -25.06, 50.69
CIElCh	89, 56.543, 116.308
Yxy	74.4272, 0.3629, 0.4528
Android (android.graphics.Color)	4291947388 (0xFFD1EB7C)
YUV	214.5720, -44.6520, -4.8866
Hunter-Lab	86.2712, -27.5742, 39.5721

# Details

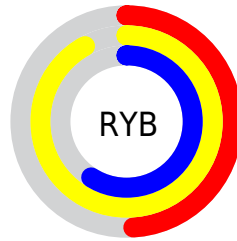
The Hex color **D1EB7C** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **967CEB**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFB3**, and **99B347** is the 20% darker color. If you saturate the color by 10%, you get **CBEB65**, and if you desaturate by 10%, it is **D7EB93**.

# Distribution



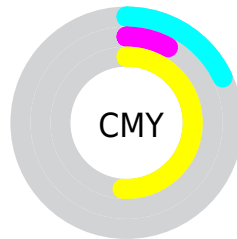
- Red (82%)
- Green (92%)
- Blue (49%)



- Red (49%)
- Yellow (92%)
- Blue (59%)



- Cyan (11%)
- Magenta (0%)
- Yellow (47%)
- Black (8%)



- Cyan (18%)
- Magenta (8%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1EB7C 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 D1EB7C by changing the saturation by 10% instead.



 D1EB7C

 D1EB7C

FFFFFF

 B5CF62

 FFFFB3

 99B347

 FFFFCF

 7D982D

 FFFFEC

 637E0F

 486500

 304D00

 143600

 002200

 000000

 D1EB7C

 D1EB7C

 CBEB65

 D7EB93

 C6EB4D

 DCEBAB

 C0EB36

 E2EBC3

 BBEB1E

 E7EBDA

 B5EB06

 EDEBF2

 B4EB00

 F2EBFF

 F8EBFF

 FDEBFF

 FFEBFF

# Harmonies

## Analogous

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



FFDB72



D1EB7C



90F6A2

# Triad

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



D1EB7C



00F5FF



FFB4E9

# Complementary

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



D1EB7C



967CEB

# 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.



FFC0FF



D1EB7C



76E7FF

# Square

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



D1EB7C



00FBFF



DAD4FF



FFB7B3

# Rectangle

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



D1EB7C



55FAC5



DAD4FF



FFB7FB

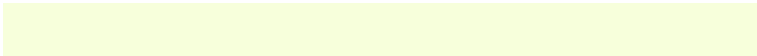


# Sweetspot

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



D1EB7C



F7FFDB



EB967C



7A806A



000000



808080



# Same Dimension

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



D1EB7C



DFFF6E



9AEB7C



73756A



8BB500



293600



# Inverse Universe

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



967CEB



906EFF



CD7CEB



6C6A75



2A00B5

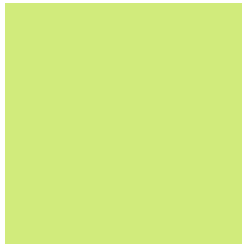


0D0036



# Previews

## White Background



This preview shows how the Hex color D1EB7C 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 D1EB7C 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 D1EB7C Background



This preview shows how black text looks on a background with the Hex color D1EB7C.

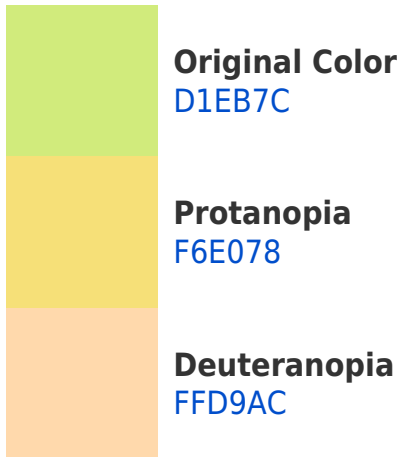


This preview shows how white text looks on a background with the Hex color D1EB7C.

# 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](#).

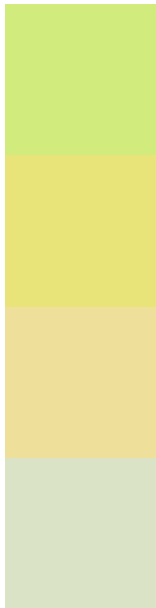
## Dichromacy





**Tritanopia**  
DFDEF0

# Trichromacy



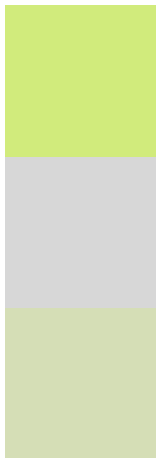
**Original Color**  
D1EB7C

**Protanomaly**  
E9E479

**Deuteranomaly**  
EEE09B

**Tritanomaly**  
DAE3C6

# Monochromacy



**Original Color**  
D1EB7C

**Achromatopsia**  
D7D7D7

**Achromatomaly**  
D5DEB6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1EB7C 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 #D1EB7C looks like.

```
.text, #text, p{  
    color:#D1EB7C  
}
```

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 #D1EB7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1EB7C  
}
```

## Border

The CSS property to change the border of an element to Hex D1EB7C 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  
#D1EB7C }
```

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

```
.border{ border-color:#D1EB7C }
```

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

Here you see how a box with a 4 pixel #D1EB7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1EB7C; -webkit-box-shadow:4px 4px  
4px 4px #D1EB7C; box-shadow:4px 4px 4px  
4px #D1EB7C }
```

# Background

The CSS property to change the background color of an element to Hex D1EB7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1EB7C }
```

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

```
.background{ background-color:#D1EB7C }
```

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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