

Converting Colors

Hex(C8DD7E)

Have a look what the booklet for
Hex(C8DD7E) contains.

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Color

Hex(C8DD7E)

Conversions

Conversions Part 1

Format	Color
Hex	C8DD7E
RGB	200, 221, 126
RGB Percent	78%, 87%, 49%
CMY	0.2157, 0.1333, 0.5059
CMYK	0.10, 0.00, 0.43, 0.13
HSL	73°, 58%, 68%
HSV	73°, 43%, 87%
XYZ	53.4418, 65.4986, 29.5645
YIQ	203.8910, 17.9790, -33.9970

Conversions

Conversions Part 2

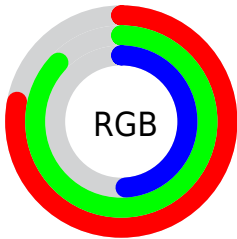
Format	Color
RYB	126, 221, 147
Decimal	13163902
CIELab	84.74, -21.54, 44.18
CIElCh	85, 49.152, 115.992
Yxy	65.4986, 0.3599, 0.4411
Android (android.graphics.Color)	4291353982 (0xFFC8DD7E)
YUV	203.8910, -38.4003, -3.4124
Hunter-Lab	80.9312, -23.7597, 34.9930

Details

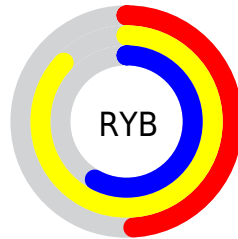
The Hex color **C8DD7E** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **937EDD**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFFB4**, and **90A64A** is the 20% darker color. If you saturate the color by 10%, you get **C3DD68**, and if you desaturate by 10%, it is **CDDD94**.

Distribution



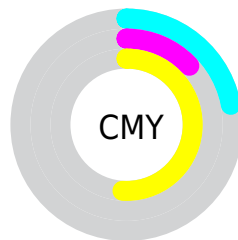
- Red (78%)
- Green (87%)
- Blue (49%)



- Red (49%)
- Yellow (87%)
- Blue (58%)



- Cyan (10%)
- Magenta (0%)
- Yellow (43%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color C8DD7E 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 C8DD7E by changing the saturation by 10% instead.

 C8DD7E

 C8DD7E

FFFFFF

 ACC164

 FFFFB4

 90A64A

 FFFFD0

 768C31

 FFFFED

 5C7217

 425900

 2A4200

 102C00

 001900

 000000

 C8DD7E

 C8DD7E

 C3DD68

 CDDD94

 BEDD52

 D2DDAA

 B9DD3C

 D7DDC0

 B4DD26

 DCDDD6

 B0DD0F

 E0DDED

 ACDD00

 E5DDFF

 EADDFE

 EFDDFF

 F4DDFF

Harmonies

Analogous

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



F7CF76



C8DD7E



91E79E

Triad

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



C8DD7E



00E6FF



FFAFDC

Complementary

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



C8DD7E



937EDD

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.



FFB9FF



C8DD7E



7FDAFF

Square

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



C8DD7E



00EBFB



CFCAFF



FFB1AD

Rectangle

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



C8DD7E



65EBBC



CFCAFF



FFB1EB

Sweetspot

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



C8DD7E



F8FFDE



DD937E



7B806B



000000



808080

Same Dimension

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



C8DD7E



E2FF7A



99DD7E



6B6E63



87AD00



242E00

Inverse Universe

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



937EDD



987AFF



C27EDD



65636E



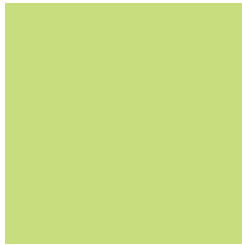
2600AD



0A002E

Previews

White Background



This preview shows how the Hex color C8DD7E looks on a white background.

Color Contrast Check

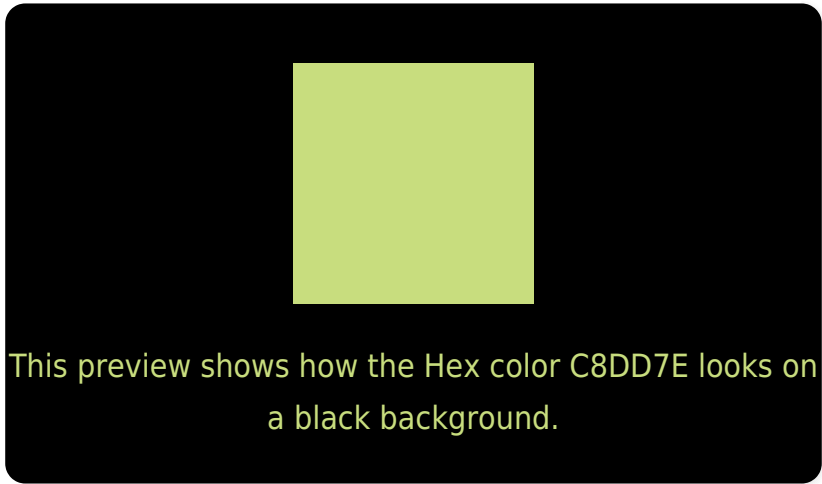
Large Text (above 18pt) WCAG AA × Fail

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

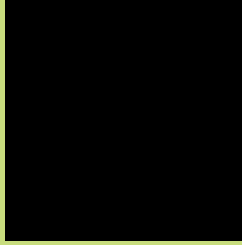
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

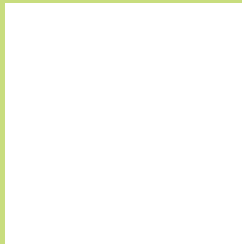
Any Text WCAG AAA ✓ Pass

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

Hex C8DD7E Background



This preview shows how black text looks on a background with the Hex color C8DD7E.

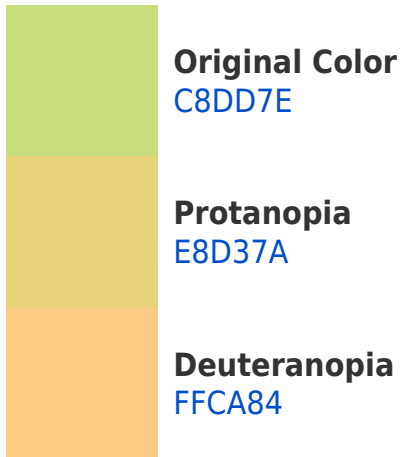


This preview shows how white text looks on a background with the Hex color C8DD7E.

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](#).

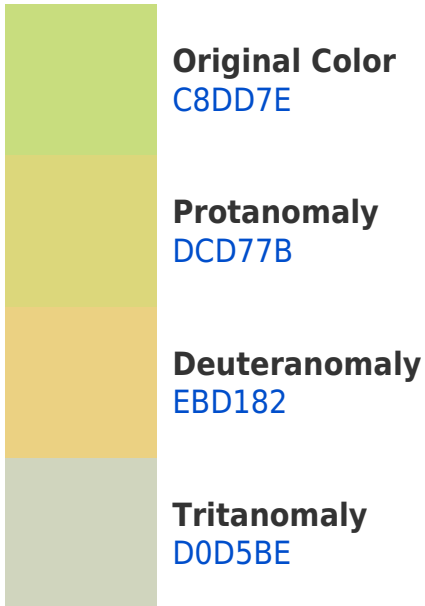
Dichromacy



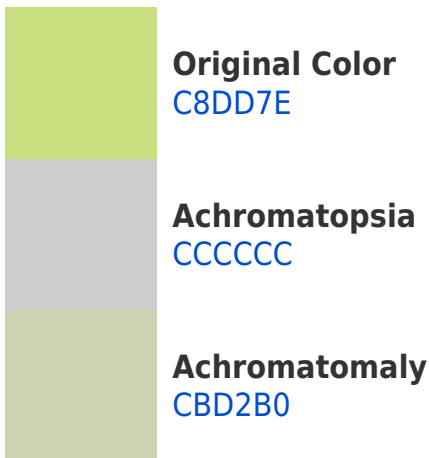


Tritanopia
D4D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C8DD7E 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 #C8DD7E looks like.

```
.text, #text, p{  
    color:#C8DD7E  
}
```

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 #C8DD7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8DD7E
}
```

Border

The CSS property to change the border of an element to Hex C8DD7E 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
#C8DD7E }
```

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

```
.border{ border-color:#C8DD7E }
```

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

Here you see how a box with a 4 pixel #C8DD7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8DD7E; -webkit-box-shadow:4px 4px  
4px 4px #C8DD7E; box-shadow:4px 4px 4px  
4px #C8DD7E }
```

Background

The CSS property to change the background color of an element to Hex C8DD7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8DD7E }
```

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

```
.background{ background-color:#C8DD7E }
```

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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