

Converting Colors

Hex(D2EC7D)

Have a look what the booklet for
Hex(D2EC7D) contains.

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Color

Hex(D2EC7D)

Conversions

Conversions Part 1

Format	Color
Hex	D2EC7D
RGB	210, 236, 125
RGB Percent	82%, 93%, 49%
CMY	0.1765, 0.0745, 0.5098
CMYK	0.11, 0.00, 0.47, 0.07
HSL	74°, 74%, 71%
HSV	74°, 47%, 93%
XYZ	60.2755, 75.1732, 30.7351
YIQ	215.5720, 20.1350, -40.0330

Conversions

Conversions Part 2

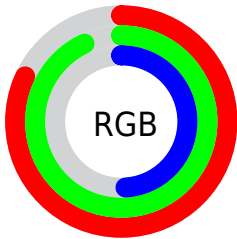
Format	Color
RYB	125, 236, 151
Decimal	13823101
CIELab	89.47, -25.06, 50.66
CIElCh	89, 56.514, 116.319
Yxy	75.1732, 0.3627, 0.4523
Android (android.graphics.Color)	4292013181 (0xFFD2EC7D)
YUV	215.5720, -44.6520, -4.8866
Hunter-Lab	86.7025, -27.6364, 39.6741

Details

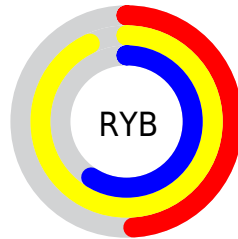
The Hex color **D2EC7D** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **977DEC**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFB4**, and **9AB448** is the 20% darker color. If you saturate the color by 10%, you get **CCEC65**, and if you desaturate by 10%, it is **D8EC95**.

Distribution



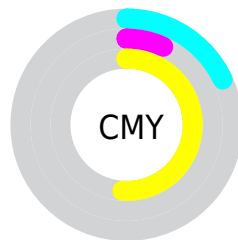
- Red (82%)
- Green (93%)
- Blue (49%)



- Red (49%)
- Yellow (93%)
- Blue (59%)



- Cyan (11%)
- Magenta (0%)
- Yellow (47%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2EC7D 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 D2EC7D by changing the saturation by 10% instead.

 D2EC7D

 D2EC7D

FFFFFF

 B5D063

 FFFFB4

 9AB448

 FFFFD0

 7E992E

 FFFFED

 647F10

 496600

 314E00

 153700

 002200

 000000

 D2EC7D

 D2EC7D

 CCEC65

 D8EC95

 C7EC4E

 DDECAC

 C1EC36

 E3ECC4

 BCEC1F

 E8ECDB

 B6EC07

 EEECF3

 B5EC00

 F3ECFF

 F9ECFF

 FEECFF

 FFECFF

Harmonies

Analogous

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



FFDC73



D2EC7D



91F7A3

Triad

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



D2EC7D



00F6FF



FFB5EA

Complementary

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



D2EC7D



977DEC

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.



FFC1FF



D2EC7D



78E8FF

Square

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



D2EC7D



00FCFF



DBD5FF



FFB8B4

Rectangle

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



D2EC7D



56FBC6



DBD5FF



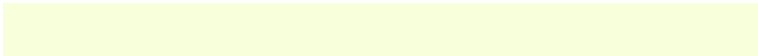
FFB8FC

Sweetspot

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



D2EC7D



F7FFDB



EC977D



7A806A



000000



808080

Same Dimension

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



D2EC7D



DEFF70



9BEC7D



73756A



8BB500



293600

Inverse Universe

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



977DEC



9270FF



CE7DEC



6C6A75



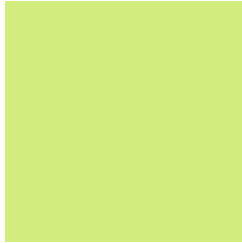
2A00B5



0D0036

Previews

White Background



This preview shows how the Hex color D2EC7D 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 D2EC7D 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 D2EC7D Background



This preview shows how black text looks on a background with the Hex color D2EC7D.

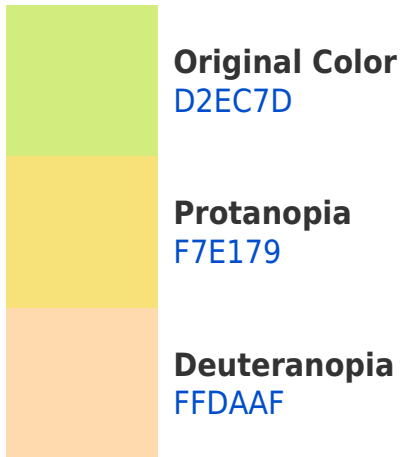


This preview shows how white text looks on a background with the Hex color D2EC7D.

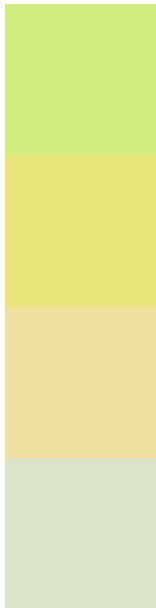
Color Blindness Simulation

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



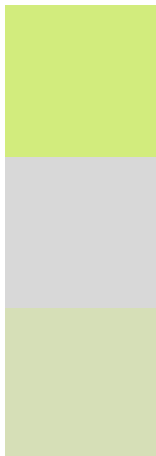
Original Color
D2EC7D

Protanomaly
EAE57A

Deuteranomaly
EFE19D

Tritanomaly
DBE4C7

Monochromacy



Original Color
D2EC7D

Achromatopsia
D8D8D8

Achromatomaly
D6DFB7

CSS Examples

Text

The CSS property to change the color of the text to Hex D2EC7D 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 #D2EC7D looks like.

```
.text, #text, p{  
    color:#D2EC7D  
}
```

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 #D2EC7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2EC7D
}
```

Border

The CSS property to change the border of an element to Hex D2EC7D 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
#D2EC7D }
```

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

```
.border{ border-color:#D2EC7D }
```

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

Here you see how a box with a 4 pixel #D2EC7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2EC7D; -webkit-box-shadow:4px 4px  
4px 4px #D2EC7D; box-shadow:4px 4px 4px  
4px #D2EC7D }
```

Background

The CSS property to change the background color of an element to Hex D2EC7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2EC7D }
```

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

```
.background{ background-color:#D2EC7D }
```

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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