

Converting Colors

Hex(D2E5A7)

Have a look what the booklet for
Hex(D2E5A7) contains.

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Color

Hex(D2E5A7)

Conversions

Conversions Part 1

Format	Color
Hex	D2E5A7
RGB	210, 229, 167
RGB Percent	82%, 90%, 65%
CMY	0.1765, 0.1020, 0.3451
CMYK	0.08, 0.00, 0.27, 0.10
HSL	78°, 54%, 78%
HSV	78°, 27%, 90%
XYZ	61.5727, 72.5303, 47.3137
YIQ	216.2510, 8.5780, -23.3100

Conversions

Conversions Part 2

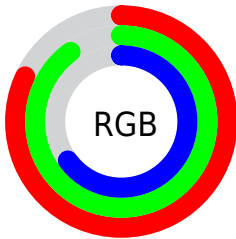
Format	Color
RYB	167, 229, 186
Decimal	13821351
CIELab	88.22, -16.60, 28.21
CIElCh	88, 32.733, 120.482
Yxy	72.5303, 0.3394, 0.3998
Android (android.graphics.Color)	4292011431 (0xFFD2E5A7)
YUV	216.2510, -24.2807, -5.4821
Hunter-Lab	85.1647, -19.9856, 26.6764

Details

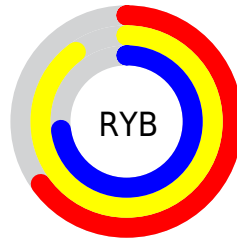
The Hex color **D2E5A7** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **BAA7E5**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFDE**, and **9BAE73** is the 20% darker color. If you saturate the color by 10%, you get **CBE590**, and if you desaturate by 10%, it is **D9E5BE**.

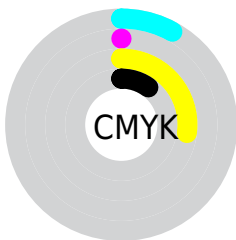
Distribution



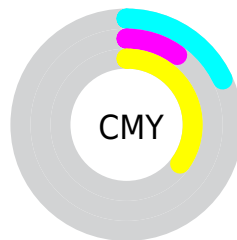
- Red (82%)
- Green (90%)
- Blue (65%)



- Red (65%)
- Yellow (90%)
- Blue (73%)



- Cyan (8%)
- Magenta (0%)
- Yellow (27%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2E5A7 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 D2E5A7 by changing the saturation by 10% instead.

 D2E5A7

FFFFFF

 FFFFDE

 FFFFFB

 D2E5A7

 B6C98C

 9BAE73

 80935A

 677942

 4E602A

 364914

 203200

 031D00

 000000

 D2E5A7

 D2E5A7

 CBE590

 D9E5BE

 C4E579

 E0E5D5

 BDE562

 E7E5EC

 B6E54B

 EEE5FF

 AFE535

 F5E5FF

 A8E51E

 FCE5FF

 A1E507

 FFE5FF

 9FE500

Harmonies

Analogous

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



F3DB9F



D2E5A7



AEECBE

Triad

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



D2E5A7



8FE9FF



FFC7DE

Complementary

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



D2E5A7



BAA7E5

Split Complementary

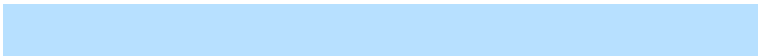
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCBFD



D2E5A7



B7E0FF

Square

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



D2E5A7



7FEEFC



E3D5FF



FFC9BF

Rectangle

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



D2E5A7



98EED2



E3D5FF



FFC7E9

Sweetspot

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



D2E5A7



F9FFEB



E5BAA7



7C8073



000000



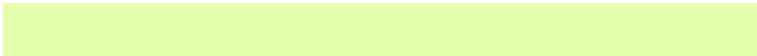
808080

Same Dimension

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



D2E5A7



E6FFAD



B3E5A7



6F7367



7CB300



233300

Inverse Universe

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



BAA7E5



C6ADFF



D9A7E5



6B6773



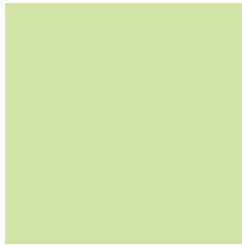
3700B3



100033

Previews

White Background



This preview shows how the Hex color D2E5A7 looks on a white background.

Color Contrast Check

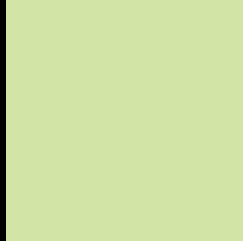
Large Text (above 18pt) WCAG AA × Fail

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 D2E5A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

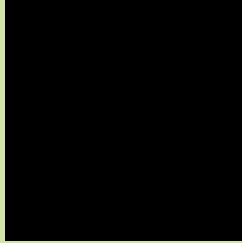
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

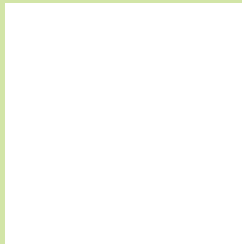
Any Text WCAG AAA ✓ Pass

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

Hex D2E5A7 Background



This preview shows how black text looks on a background with the Hex color D2E5A7.

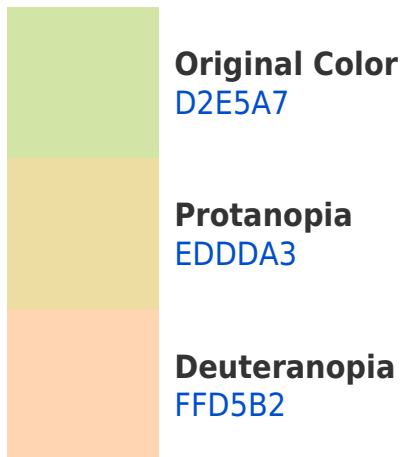


This preview shows how white text looks on a background with the Hex color D2E5A7.

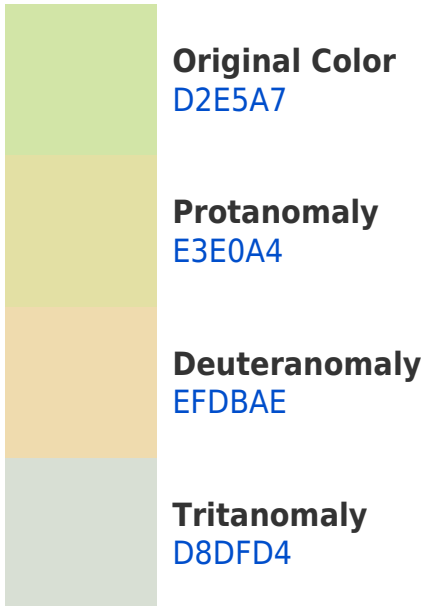
Color Blindness Simulation

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](#).

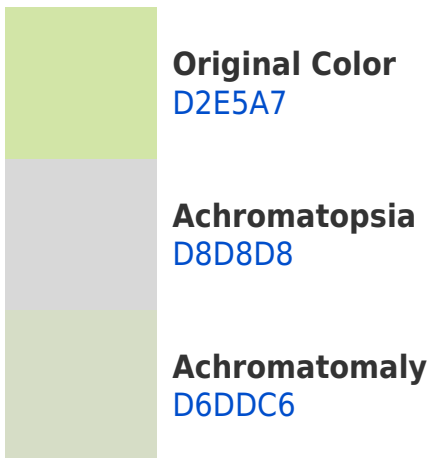
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D2E5A7 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 #D2E5A7 looks like.

```
.text, #text, p{  
    color:#D2E5A7  
}
```

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 #D2E5A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2E5A7
}
```

Border

The CSS property to change the border of an element to Hex D2E5A7 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
#D2E5A7 }
```

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

```
.border{ border-color:#D2E5A7 }
```

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

Here you see how a box with a 4 pixel #D2E5A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2E5A7; -webkit-box-shadow:4px 4px  
4px 4px #D2E5A7; box-shadow:4px 4px 4px  
4px #D2E5A7 }
```

Background

The CSS property to change the background color of an element to Hex D2E5A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2E5A7 }
```

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

```
.background{ background-color:#D2E5A7 }
```

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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