

# Converting Colors

Hex(D2EAA7)

Have a look what the booklet for  
Hex(D2EAA7) contains.

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# **Color**

**Hex(D2EAA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2EAA7
RGB	210, 234, 167
RGB Percent	82%, 92%, 65%
CMY	0.1765, 0.0824, 0.3451
CMYK	0.10, 0.00, 0.29, 0.08
HSL	81°, 61%, 79%
HSV	81°, 29%, 92%
XYZ	62.9762, 75.3373, 47.7816
YIQ	219.1860, 7.2030, -25.9250

# Conversions

## Conversions Part 2

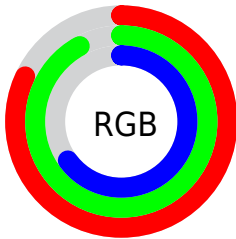
Format	Color
<a href="#">RYB</a>	<a href="#">167, 234, 191</a>
Decimal	<a href="#">13822631</a>
CIELab	<a href="#">89.55, -19.06, 30.00</a>
CIELCh	<a href="#">90, 35.545, 122.435</a>
Yxy	<a href="#">75.3373, 0.3384, 0.4048</a>
Android (android.graphics.Color)	<a href="#">4292012711 (0xFFD2EAA7)</a>
YUV	<a href="#">219.1860, -25.7277, -8.0561</a>
Hunter-Lab	<a href="#">86.7971, -22.3829, 28.1189</a>

# Details

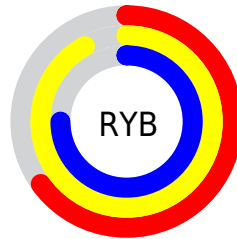
The Hex color **D2EAA7** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **BFA7EA**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFDF**, and **9BB272** is the 20% darker color. If you saturate the color by 10%, you get **CAEA90**, and if you desaturate by 10%, it is **DAEABE**.

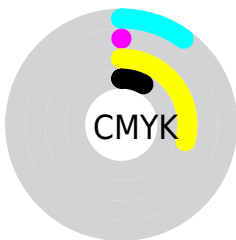
# Distribution



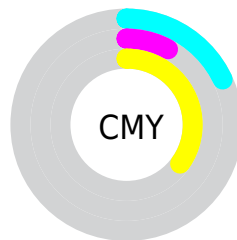
- Red (82%)
- Green (92%)
- Blue (65%)



- Red (65%)
- Yellow (92%)
- Blue (75%)



- Cyan (10%)
- Magenta (0%)
- Yellow (29%)
- Black (8%)



- Cyan (18%)
- Magenta (8%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2EAA7 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 D2EAA7 by changing the saturation by 10% instead.



 D2EAA7

FFFFFF

 FFFFDF

 FFFFFB

 D2EAA7

 B6CE8C

 9BB272

 809759

 677E41

 4E642A

 364C13

 1F3600

 032000

 000000

 D2EAA7

 D2EAA7

 CAEA90

 DAEABE

 C1EA78

 E3EAD6

 B9EA61

 EB EAED

 B0EA49

 F4EAFF

 A8EA32

 FCEAFF

 A0EA1B

 FFEAFF

 97EA03

 96EA00

# Harmonies

## Analogous

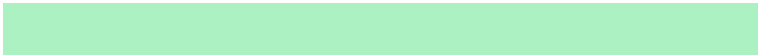
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F7E09D



D2EAA7



ABF1C1

# Triad

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



D2EAA7



8BEDFF



FFC8E0

# Complementary

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



D2EAA7



BFA7EA

# Split Complementary

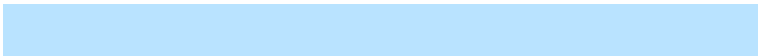
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCDFF



D2EAA7



B9E3FF

# Square

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



D2EAA7



76F3FF



EAD7FF



FFCBBE

# Rectangle

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



D2EAA7



92F3D7



EAD7FF



FFC9EB



# Sweetspot

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



D2EAA7



F7FFE8



EABEA7



7A8071



000000



808080

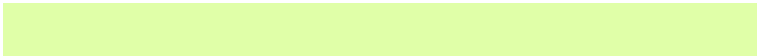


# Same Dimension

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



D2EAA7



E0FFA8



B1EAA7



71756A



74B500



223600



# Inverse Universe

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



BFA7EA



C7A8FF



E0A7EA



6E6A75



4100B5

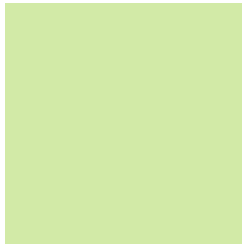


130036



# Previews

## White Background



This preview shows how the Hex color D2EAA7 looks on a white background.

## Color Contrast Check

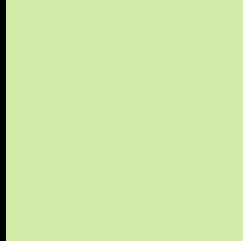
Large Text (above 18pt) WCAG AA × Fail

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 D2EAA7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

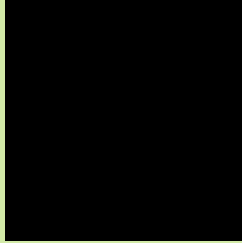
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D2EAA7 Background



This preview shows how black text looks on a background with the Hex color D2EAA7.

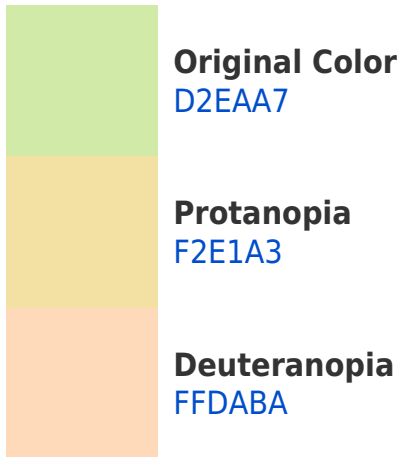


This preview shows how white text looks on a background with the Hex color D2EAA7.

# 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**  
DDE0F2

# Trichromacy



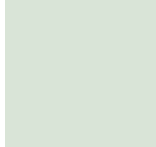
**Original Color**  
D2EAA7



**Protanomaly**  
E6E4A4



**Deuteranomaly**  
EFE0B3

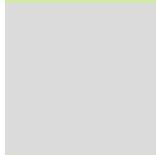


**Tritanomaly**  
D9E4D7

# Monochromacy



**Original Color**  
D2EAA7



**Achromatopsia**  
DBDBDB



**Achromatomaly**  
D8E0C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2EAA7 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 #D2EAA7 looks like.

```
.text, #text, p{  
    color:#D2EAA7  
}
```

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 #D2EAA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2EAA7
}
```

## Border

The CSS property to change the border of an element to Hex D2EAA7 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
#D2EAA7 }
```

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

```
.border{ border-color:#D2EAA7 }
```

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

Here you see how a box with a 4 pixel #D2EAA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2EAA7; -webkit-box-shadow:4px 4px  
4px 4px #D2EAA7; box-shadow:4px 4px 4px  
4px #D2EAA7 }
```

# Background

The CSS property to change the background color of an element to Hex D2EAA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2EAA7 }
```

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

```
.background{ background-color:#D2EAA7 }
```

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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