

# Converting Colors

Hex(D2ED9E)

Have a look what the booklet for  
Hex(D2ED9E) contains.

<b>Hex(D2ED9E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D2ED9E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2ED9E
RGB	210, 237, 158
RGB Percent	82%, 93%, 62%
CMY	0.1765, 0.0706, 0.3804
CMYK	0.11, 0.00, 0.33, 0.07
HSL	81°, 69%, 77%
HSV	81°, 33%, 93%
XYZ	63.0341, 76.7386, 43.8375
YIQ	219.9210, 9.2670, -30.2930

# Conversions

## Conversions Part 2

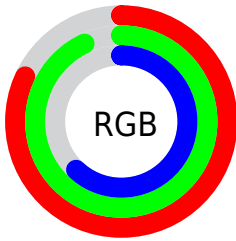
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 237, 185
Decimal	13823390
CIELab	90.20, -21.73, 35.42
CIElCh	90, 41.560, 121.531
Yxy	76.7386, 0.3433, 0.4179
Android (android.graphics.Color)	4292013470 (0xFFD2ED9E)
YUV	219.9210, -30.5271, -8.7007
Hunter-Lab	87.6006, -24.8592, 31.6502

# Details

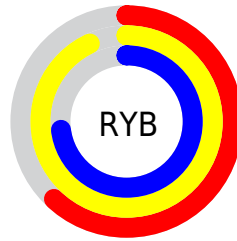
The Hex color **D2ED9E** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B99EED**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFD5**, and **9BB56A** is the 20% darker color. If you saturate the color by 10%, you get **CAED86**, and if you desaturate by 10%, it is **DAEDB6**.

# Distribution



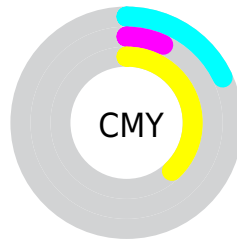
- Red (82%)
- Green (93%)
- Blue (62%)



- Red (62%)
- Yellow (93%)
- Blue (73%)



- Cyan (11%)
- Magenta (0%)
- Yellow (33%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2ED9E 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 D2ED9E by changing the saturation by 10% instead.



 D2ED9E

FFFFFF

 FFFFD5

 FFFFF2

 D2ED9E

 B6D183

 9BB56A

 809A51

 668038

 4D6720

 344F06

 1E3800

 002200

 000100

 D2ED9E

 D2ED9E

 CAED86

 DAEDB6

 C2ED6F

 E2EDCD

 BAED57

 EAEDE5

 B2ED3F

 F2EDFD

 AAED28

 FBEDFF

 A1ED10

 FFEDFF

 9CED00

# Harmonies

## Analogous

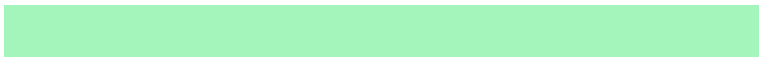
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FCE193



D2ED9E



A3F5BC

# Triad

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



D2ED9E



73F1FF



FFC5E2

# Complementary

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



D2ED9E



B99EED

# Split Complementary

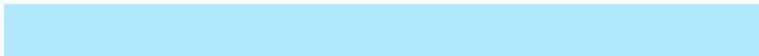
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCBFF



D2ED9E



B0E6FF

# Square

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



D2ED9E



56F7FF



EBD8FF



FFC8BB

# Rectangle

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



D2ED9E



83F8D6



EBD8FF



FFC6F0



# Sweetspot

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



D2ED9E



F6FFE6



EDB89E



7A8070



000000



808080

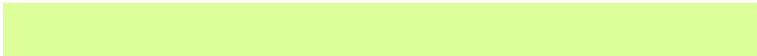


# Same Dimension

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



D2ED9E



DCFF99



ABED9E



71756A



77B500



233600



# Inverse Universe

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



B99EED



BC99FF



E09EED



6E6A75



3E00B5

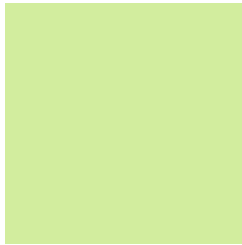


120036



# Previews

## White Background



This preview shows how the Hex color D2ED9E looks on a white background.

## Color Contrast Check

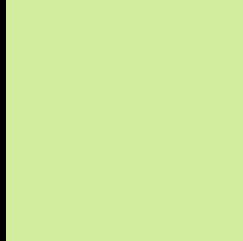
Large Text (above 18pt) WCAG AA × Fail

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 D2ED9E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

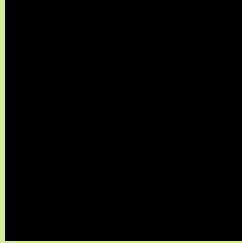
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

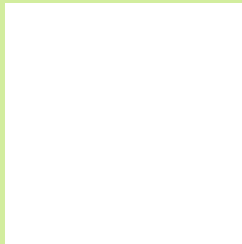
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D2ED9E Background



This preview shows how black text looks on a background with the Hex color D2ED9E.

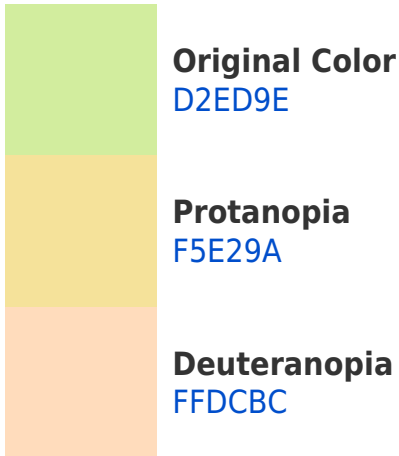


This preview shows how white text looks on a background with the Hex color D2ED9E.

# 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](#).

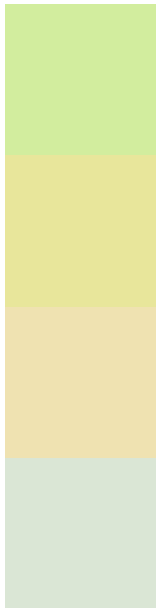
## Dichromacy





**Tritanopia**  
DEE2F4

# Trichromacy



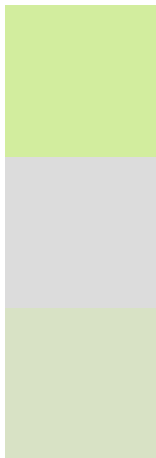
**Original Color**  
D2ED9E

**Protanomaly**  
E8E69B

**Deuteranomaly**  
EFE2B1

**Tritanomaly**  
DAE6D5

# Monochromacy



**Original Color**  
D2ED9E

**Achromatopsia**  
DCDCDC

**Achromatomaly**  
D8E2C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2ED9E 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 #D2ED9E looks like.

```
.text, #text, p{  
    color:#D2ED9E  
}
```

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 #D2ED9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2ED9E
}
```

## Border

The CSS property to change the border of an element to Hex D2ED9E 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
#D2ED9E }
```

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

```
.border{ border-color:#D2ED9E }
```

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

Here you see how a box with a 4 pixel #D2ED9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2ED9E; -webkit-box-shadow:4px 4px  
4px 4px #D2ED9E; box-shadow:4px 4px 4px  
4px #D2ED9E }
```

# Background

The CSS property to change the background color of an element to Hex D2ED9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2ED9E }
```

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

```
.background{ background-color:#D2ED9E }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor