

# Converting Colors

Hex(D1D87E)

Have a look what the booklet for  
Hex(D1D87E) contains.

<b>Hex(D1D87E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D1D87E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1D87E
RGB	209, 216, 126
RGB Percent	82%, 85%, 49%
CMY	0.1804, 0.1529, 0.5059
CMYK	0.03, 0.00, 0.42, 0.15
HSL	65°, 54%, 67%
HSV	65°, 42%, 85%
XYZ	54.6163, 64.1734, 29.2468
YIQ	203.6470, 24.7180, -29.4740

# Conversions

## Conversions Part 2

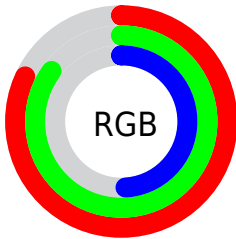
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 216, 133
Decimal	13752446
CIELab	84.06, -15.59, 43.47
CIELCh	84, 46.178, 109.732
Yxy	64.1734, 0.3689, 0.4335
Android (android.graphics.Color)	4291942526 (0xFFD1D87E)
YUV	203.6470, -38.2800, 4.6946
Hunter-Lab	80.1083, -18.4918, 34.4296

# Details

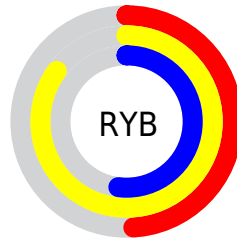
The Hex color **D1D87E** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **857ED8**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFFB4**, and **99A14B** is the 20% darker color. If you saturate the color by 10%, you get **CFD868**, and if you desaturate by 10%, it is **D3D894**.

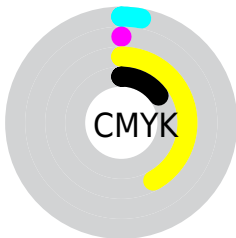
# Distribution



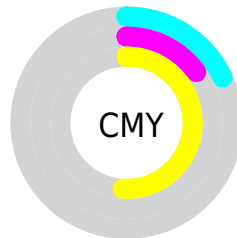
- Red (82%)
- Green (85%)
- Blue (49%)



- Red (49%)
- Yellow (85%)
- Blue (52%)



- Cyan (3%)
- Magenta (0%)
- Yellow (42%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1D87E 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 D1D87E by changing the saturation by 10% instead.



 D1D87E

 D1D87E

FFFFFF

 B5BC64

 FFFFB4

 99A14B

 FFFFD0

 7E8732

 FFFFED

 646E18

 4A5600

 323E00

 192900

 001600

 000000

 D1D87E

 D1D87E

 CFD868

 D3D894

 CED853

 D4D8A9

 CCD83D

 D6D8BF

 CAD828

 D8D8D4

 C9D812

 D9D8EA

 C7D800

 DBD8FF

 DDD8FF

 DED8FF

 E0D8FF

# Harmonies

## Analogous

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



FBCA7C



D1D87E



9FE298

# Triad

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



D1D87E



00E4FF



FFB1E3

# Complementary

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



D1D87E



857ED8

# 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.



FABCFF



D1D87E



75DAFF

# Square

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



D1D87E



00E9EE



C0CCFF



FFB1B6

# Rectangle

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



D1D87E



79E7B2



C0CCFF



FFB4F1



# Sweetspot

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



D1D87E



FCFFDE



D8847E



7E806B



000000



808080



# Same Dimension

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



D1D87E



F5FF80



A5D87E



6A6B60



9EAB00



282B00



# Inverse Universe

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



857ED8



8980FF



B17ED8



61606B



0D00AB



03002B



# Previews

## White Background



This preview shows how the Hex color D1D87E 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 D1D87E 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 D1D87E Background



This preview shows how black text looks on a background with the Hex color D1D87E.

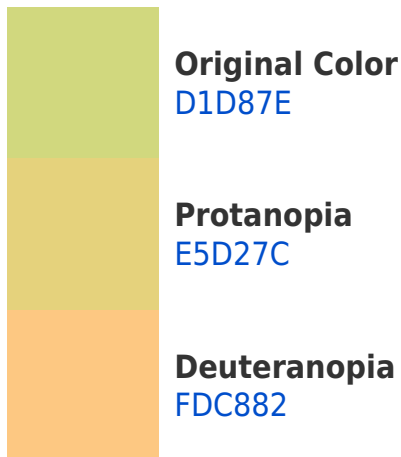


This preview shows how white text looks on a background with the Hex color D1D87E.

# Color Blindness Simulation

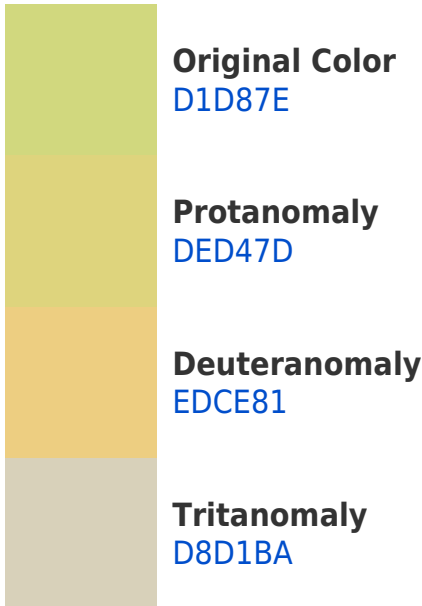
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1D87E 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 #D1D87E looks like.

```
.text, #text, p{  
    color:#D1D87E  
}
```

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 #D1D87E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1D87E
}
```

## Border

The CSS property to change the border of an element to Hex D1D87E 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
#D1D87E }
```

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

```
.border{ border-color:#D1D87E }
```

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

Here you see how a box with a 4 pixel #D1D87E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1D87E; -webkit-box-shadow:4px 4px  
4px 4px #D1D87E; box-shadow:4px 4px 4px  
4px #D1D87E }
```

# Background

The CSS property to change the background color of an element to Hex D1D87E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1D87E }
```

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

```
.background{ background-color:#D1D87E }
```

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