

# Converting Colors

Hex(D9D17E)

Have a look what the booklet for  
Hex(D9D17E) contains.

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# **Color**

**Hex(D9D17E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D9D17E
RGB	217, 209, 126
RGB Percent	85%, 82%, 49%
CMY	0.1490, 0.1804, 0.5059
CMYK	0.00, 0.04, 0.42, 0.15
HSL	55°, 54%, 67%
HSV	55°, 42%, 85%
XYZ	55.1816, 61.8590, 28.7703
YIQ	201.9300, 31.4110, -24.1170

# Conversions

## Conversions Part 2

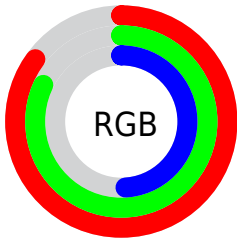
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 217, 126
Decimal	14274942
CIELab	82.84, -8.91, 42.07
CIELCh	83, 43.006, 101.961
Yxy	61.8590, 0.3784, 0.4242
Android (android.graphics.Color)	4292465022 (0xFFD9D17E)
YUV	201.9300, -37.4335, 13.2164
Hunter-Lab	78.6505, -12.4018, 33.3671

# Details

The Hex color **D9D17E** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7E86D9**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFFB4**, and **A19B4B** is the 20% darker color. If you saturate the color by 10%, you get **D9CF68**, and if you desaturate by 10%, it is **D9D394**.

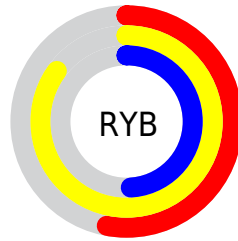
# Distribution



Red (85%)

Green (82%)

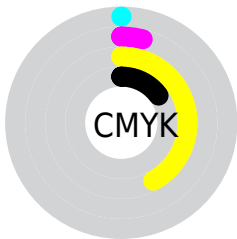
Blue (49%)



Red (53%)

Yellow (85%)

Blue (49%)

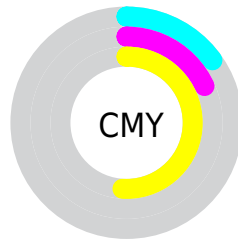


Cyan (0%)

Magenta (4%)

Yellow (42%)

Black (15%)



Cyan (15%)

Magenta (18%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9D17E 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 D9D17E by changing the saturation by 10% instead.



 D9D17E

 D9D17E

FFFFFF

 BCB564

 FFFFB4


 A19B4B

 FFFFD0

 858132

 FFFFEC

 6B6819

 515000

 393900

 202400

 001000

 000000

 D9D17E

 D9D17E

 D9CF68

 D9D394

 D9CD53

 D9D5A9

 D9CB3D

 D9D7BF

 D9C927

 D9D9D5

 D9C711

 D9DBEB

 D9C600

 D9DCFF

 D9DEFF

 D9E0FF

 D9E2FF

# Harmonies

## Analogous

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



FEC382



D9D17E



ACDC91

# Triad

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



D9D17E



27E1FF



FFB2E8

# Complementary

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



D9D17E



7E86D9

# 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.



E8BEFF



D9D17E



69D9FF

# Square

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



D9D17E



41E4DE



AECDFE



FFAFBF

# Rectangle

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



D9D17E



8BE0A7



AECDFF



FFB5F5



# Sweetspot

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



D9D17E



FFFCDE



D97E87



807E6B



000000



808080



# Same Dimension

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



D9D17E



FFF480



B5D97E



6E6D63



AD9E00



2E2A00



# Inverse Universe

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



7E86D9



808BFF



A27ED9



63646E



000FAD

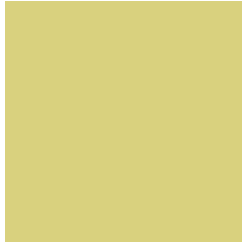


00042E



# Previews

## White Background



This preview shows how the Hex color D9D17E 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 D9D17E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

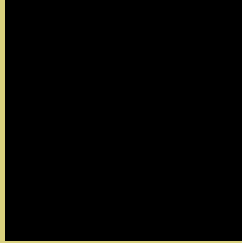
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D9D17E Background



This preview shows how black text looks on a background with the Hex color D9D17E.

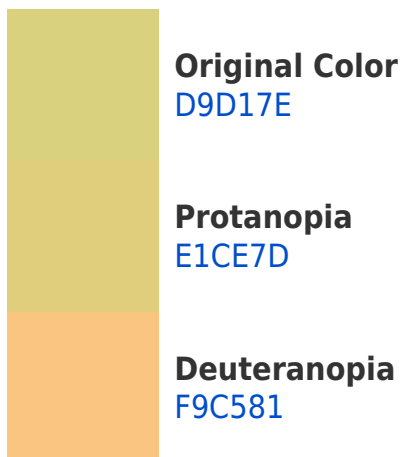


This preview shows how white text looks on a background with the Hex color D9D17E.

# 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](#).

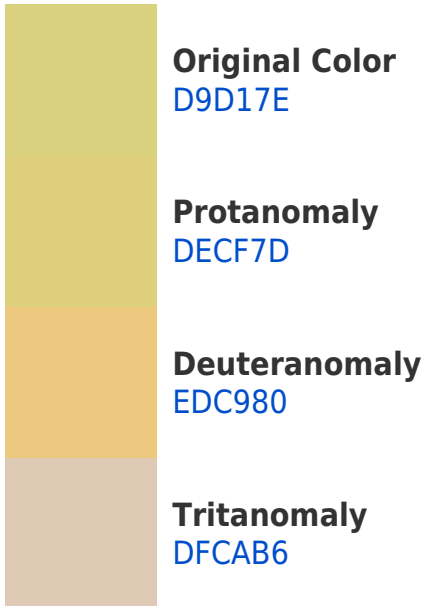
## Dichromacy



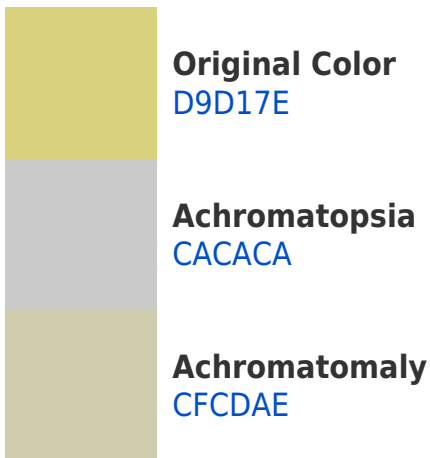


**Tritanopia**  
E3C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9D17E 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 #D9D17E looks like.

```
.text, #text, p{  
    color:#D9D17E  
}
```

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 #D9D17E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9D17E
}
```

## Border

The CSS property to change the border of an element to Hex D9D17E 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
#D9D17E }
```

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

```
.border{ border-color:#D9D17E }
```

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

Here you see how a box with a 4 pixel #D9D17E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9D17E; -webkit-box-shadow:4px 4px  
4px 4px #D9D17E; box-shadow:4px 4px 4px  
4px #D9D17E }
```

# Background

The CSS property to change the background color of an element to Hex D9D17E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9D17E }
```

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

```
.background{ background-color:#D9D17E }
```

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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