

# Converting Colors

Hex(D9D784)

Have a look what the booklet for  
Hex(D9D784) contains.

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# **Color**

**Hex(D9D784)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9D784
RGB	217, 215, 132
RGB Percent	85%, 84%, 52%
CMY	0.1490, 0.1569, 0.4824
CMYK	0.00, 0.01, 0.39, 0.15
HSL	59°, 53%, 68%
HSV	59°, 39%, 85%
XYZ	57.0806, 65.0185, 31.3712
YIQ	206.1360, 27.8350, -25.3890

# Conversions

## Conversions Part 2

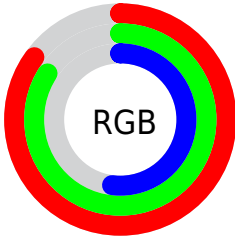
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 217, 132
Decimal	14276484
CIELab	84.49, -11.32, 41.17
CIELCh	84, 42.696, 105.368
Yxy	65.0185, 0.3719, 0.4237
Android (android.graphics.Color)	4292466564 (0xFFD9D784)
YUV	206.1360, -36.5490, 9.5277
Hunter-Lab	80.6341, -14.7501, 33.3767

# Details

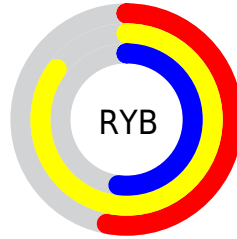
The Hex color **D9D784** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8486D9**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFBA**, and **A1A051** is the 20% darker color. If you saturate the color by 10%, you get **D9D66E**, and if you desaturate by 10%, it is **D9D89A**.

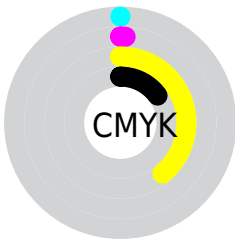
# Distribution



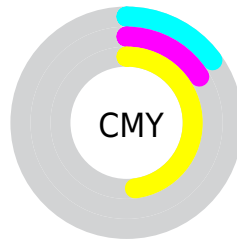
- Red (85%)
- Green (84%)
- Blue (52%)



- Red (53%)
- Yellow (85%)
- Blue (52%)



- Cyan (0%)
- Magenta (1%)
- Yellow (39%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9D784 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 D9D784 by changing the saturation by 10% instead.



 D9D784

 D9D784

FFFFFF

 BDBB6A

 FFFFBA

 A1A051

 FFFFD6

 868638

 FFFFF3

 6B6D1F

 515503

 393E00

 202800

 001500

 000000

 D9D784

 D9D784

 D9D66E

 D9D89A

 D9D659

 D9D8AF

 D9D543

 D9D9C5

 D9D52D

 D9D9DB

 D9D418

 D9DAF1

 D9D402

 D9DAFF

 D9D400

 D9DBFF

 D9DCFF

# Harmonies

## Analogous

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



FFCA85



D9D784



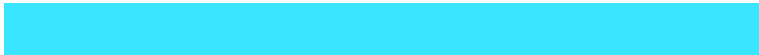
ACE199

# Triad

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



D9D784



3AE5FF



FFB6E8

# Complementary

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



D9D784



8486D9

# 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.



F2C1FF



D9D784



78DDFF

# Square

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



D9D784



44E9E7



BBD0FF



FFB4BF

# Rectangle

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



D9D784



8BE6B0



BBD0FF



FFB9F5



# Sweetspot

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



D9D784



FFFE00



D98487



807F6E



000000



808080



# Same Dimension

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



D9D784



FFFC87



B1D984



6E6D63



ADA900



2E2D00



# Inverse Universe

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



8486D9



878AFF



AC84D9



63636E



0004AD



00012E



# Previews

## White Background



This preview shows how the Hex color D9D784 looks on a white background.

## Color Contrast Check

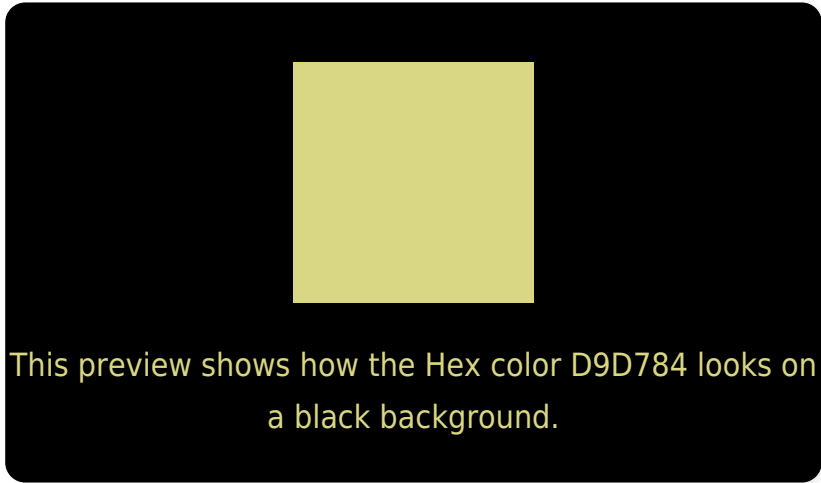
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

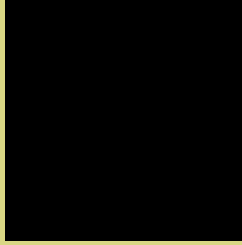
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

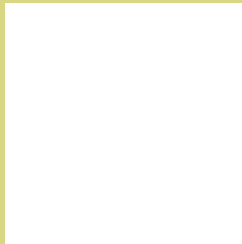
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D9D784 Background



This preview shows how black text looks on a background with the Hex color D9D784.

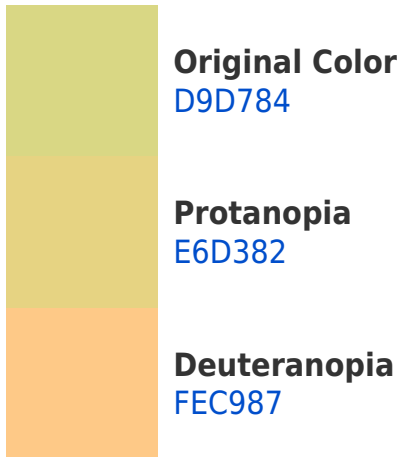


This preview shows how white text looks on a background with the Hex color D9D784.

# Color Blindness Simulation

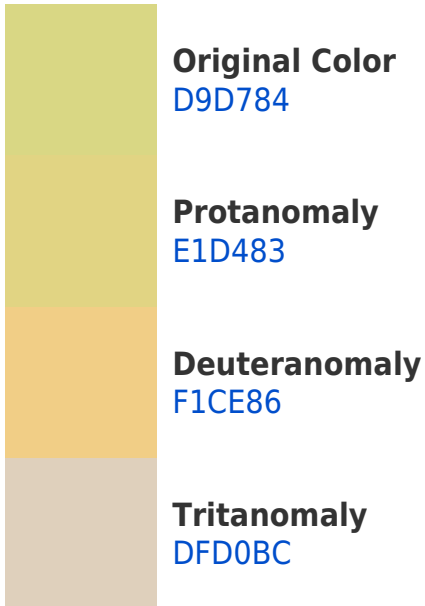
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9D784 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 #D9D784 looks like.

```
.text, #text, p{  
    color:#D9D784  
}
```

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 #D9D784 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9D784
}
```

## Border

The CSS property to change the border of an element to Hex D9D784 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
#D9D784 }
```

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

```
.border{ border-color:#D9D784 }
```

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

Here you see how a box with a 4 pixel #D9D784 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9D784; -webkit-box-shadow:4px 4px  
4px 4px #D9D784; box-shadow:4px 4px 4px  
4px #D9D784 }
```

# Background

The CSS property to change the background color of an element to Hex D9D784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9D784 }
```

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

```
.background{ background-color:#D9D784 }
```

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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