

# Converting Colors

Hex(D4D967)

Have a look what the booklet for  
Hex(D4D967) contains.

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**Color**

**Hex(D4D967)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4D967
RGB	212, 217, 103
RGB Percent	83%, 85%, 40%
CMY	0.1686, 0.1490, 0.5961
CMYK	0.02, 0.00, 0.53, 0.15
HSL	63°, 60%, 63%
HSV	63°, 53%, 85%
XYZ	54.4124, 64.6020, 22.4336
YIQ	202.5090, 33.6140, -36.5140

# Conversions

## Conversions Part 2

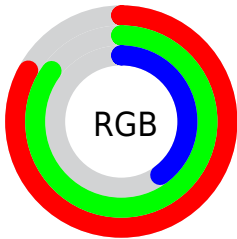
Format	Color
<a href="#">RYB</a>	<a href="#">103, 217, 108</a>
Decimal	<a href="#">13949287</a>
CIELab	<a href="#">84.28, -17.07, 54.77</a>
CIELCh	<a href="#">84, 57.366, 107.308</a>
Yxy	<a href="#">64.6020, 0.3847, 0.4567</a>
Android (android.graphics.Color)	<a href="#">4292139367</a> ( <a href="#">0xFFD4D967</a> )
YUV	<a href="#">202.5090, -49.0579, 8.3236</a>
Hunter-Lab	<a href="#">80.3754, -19.8163, 39.7143</a>

# Details

The Hex color **D4D967** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6C67D9**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF9D**, and **9BA232** is the 20% darker color. If you saturate the color by 10%, you get **D3D951**, and if you desaturate by 10%, it is **D5D97D**.

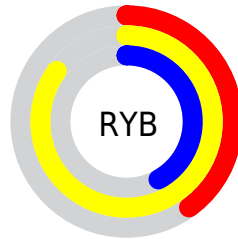
# Distribution



Red (83%)

Green (85%)

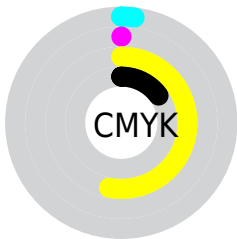
Blue (40%)



Red (40%)

Yellow (85%)

Blue (42%)

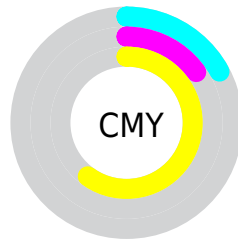


Cyan (2%)

Magenta (0%)

Yellow (53%)

Black (15%)



Cyan (17%)

Magenta (15%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4D967 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 D4D967 by changing the saturation by 10% instead.



 D4D967

 D4D967

FFFFFF

 B7BD4D

 FFFF9D

 9BA232

 FFFFB9

 7F8813

 FFFF5D

 646F00

 FFFFF2

 4A5700

 313F00

 172900

 001700

 000000

 D4D967

 D4D967

 D3D951

 D5D97D

 D2D93C

 D6D992

 D1D926

 D7D9A8

 D0D910

 D8D9BE

 CFD900

 D9D9D4

 DAD9E9

 DBD9FF

 DCD9FF

 DDD9FF

# Harmonies

## Analogous

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



FFC767



D4D967



96E686

# Triad

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



D4D967



00EAF7



FFA8EC

# Complementary

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



D4D967



6C67D9

# 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.



FEB8FF



D4D967



20DFFF

# Square

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



D4D967



00EEF1



B1CDFF



FFA6B5

# Rectangle

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



D4D967



61EBA7



B1CDFF



FFACFD



# Sweetspot

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



D4D967



FDFFD6



D96B67



7E8067



000000



808080



# Same Dimension

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



D4D967



F8FF5E



9CD967



6D6E63



A6AD00



2C2E00



# Inverse Universe

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



6C67D9



655EFF



A467D9



63636E



0800AD

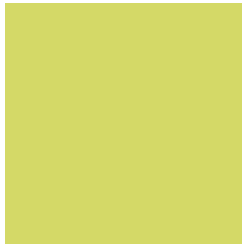


02002E



# Previews

## White Background



This preview shows how the Hex color D4D967 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 D4D967 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 D4D967 Background



This preview shows how black text looks on a background with the Hex color D4D967.

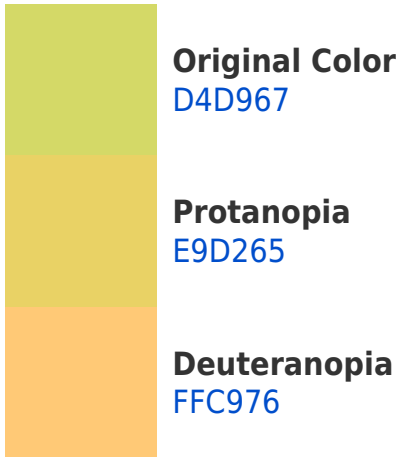


This preview shows how white text looks on a background with the Hex color D4D967.

# Color Blindness Simulation

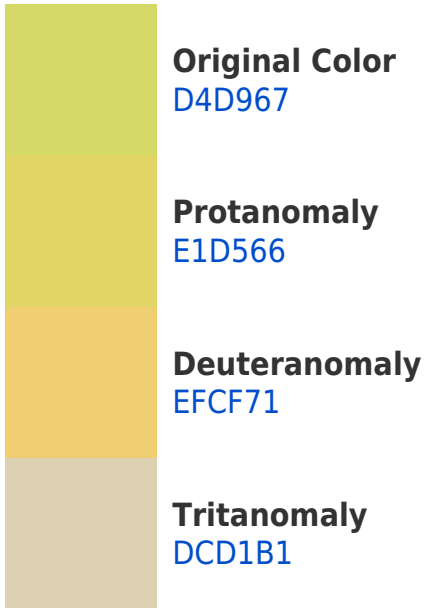
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4D967 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 #D4D967 looks like.

```
.text, #text, p{  
    color:#D4D967  
}
```

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 #D4D967 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4D967
}
```

## Border

The CSS property to change the border of an element to Hex D4D967 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
#D4D967 }
```

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

```
.border{ border-color:#D4D967 }
```

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

Here you see how a box with a 4 pixel #D4D967 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4D967; -webkit-box-shadow:4px 4px  
4px 4px #D4D967; box-shadow:4px 4px 4px  
4px #D4D967 }
```

# Background

The CSS property to change the background color of an element to Hex D4D967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4D967 }
```

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

```
.background{ background-color:#D4D967 }
```

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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