

# Converting Colors

Decimal(13949866)

Have a look what the booklet for  
Decimal(13949866) contains.

<b>Decimal(13949866)</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**

**Decimal(13949866)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4DBAA
RGB	212, 219, 170
RGB Percent	83%, 86%, 67%
CMY	0.1686, 0.1412, 0.3333
CMYK	0.03, 0.00, 0.22, 0.14
HSL	69°, 40%, 76%
HSV	69°, 22%, 86%
XYZ	59.7386, 67.5624, 47.9225
YIQ	211.3210, 11.5570, -16.7230

# Conversions

## Conversions Part 2

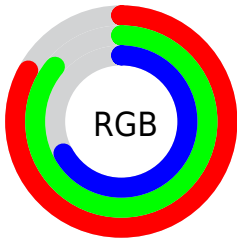
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 219, 177
Decimal	13949866
CIELab	85.79, -10.44, 23.36
CIELCh	86, 25.590, 114.086
Yxy	67.5624, 0.3409, 0.3856
Android (android.graphics.Color)	4292139946 (0xFFD4DBAA)
YUV	211.3210, -20.3713, 0.5955
Hunter-Lab	82.1963, -14.1135, 22.9699

# Details

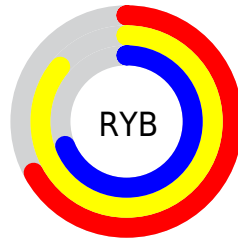
The Decimal color **13949866** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **11643611**, and the grayscale version is **13948116**.

A 20% lighter version of the original color is **16777185**, and **10331254** is the 20% darker color. If you saturate the color by 10%, you get **13753236**, and if you desaturate by 10%, it is **14146496**.

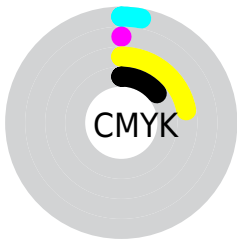
# Distribution



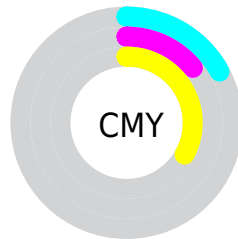
- Red (83%)
- Green (86%)
- Blue (67%)



- Red (67%)
- Yellow (86%)
- Blue (69%)



- Cyan (3%)
- Magenta (0%)
- Yellow (22%)
- Black (14%)















- Cyan (17%)
- Magenta (14%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13949866 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 Decimal color 13949866 by changing the saturation by 10% instead.



 13949866	 13949866
16777215	 12107663
 16777185	 10331254
16777214	 8620637
	 6910021
	 5265454
	 3752216
	 2304768
	 333568
	 0

 13949866

 13949866

 13753236

 14146496

 13556606

 14343126

 13359976

 14539756

 13097810

 14801919

 12901181

 14998527

 12704551

 15195135

 12507921

 15391743

 12376832

 15588351

 15784959

# Harmonies

## Analogous

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



15651751



13949866



12116409

# Triad

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



13949866



10150397



16762588

# Complementary

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



13949866



11643611

# 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.



15846131



13949866



11852543

# Square

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



13949866



9692393



13947647



16762564

# Rectangle

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



13949866



11002824



13947647



16762852



# Sweetspot

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



13949866



16580589



14397866



8290421



0



8421504

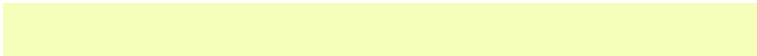


# Same Dimension

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



13949866



16121786



12377002



7106147



9809152



2567680



# Inverse Universe

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



11643611



12892927



13216475



6579054



1638573



458798



# Previews

## White Background



This preview shows how the Decimal color 13949866 looks on a white background.

## Color Contrast Check

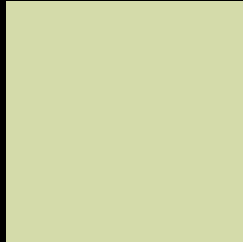
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 13949866 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

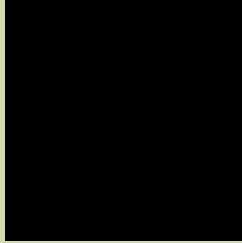
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

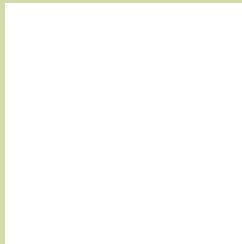
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13949866 Background



This preview shows how black text looks on a background with the Decimal color 13949866.

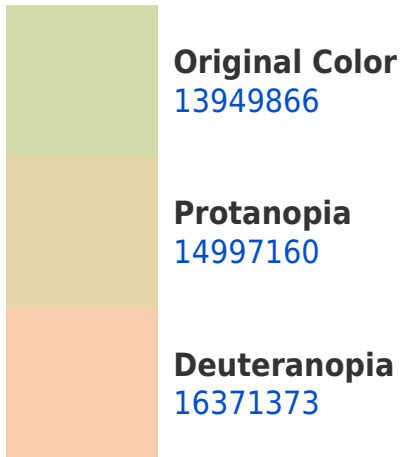


This preview shows how white text looks on a background with the Decimal color 13949866.

# 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](#).

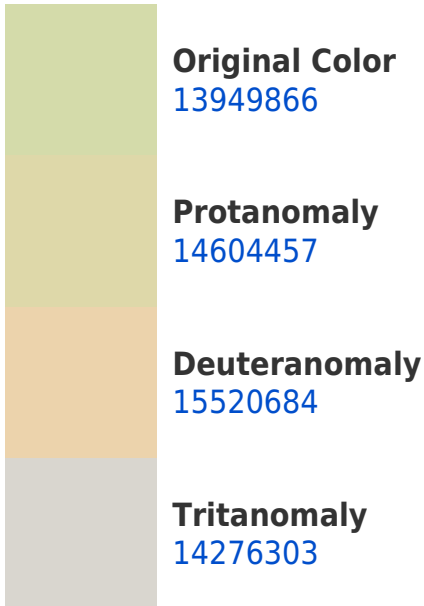
## Dichromacy





**Tritanopia**  
14472164

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13949866 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 #D4DBAA looks like.

```
.text, #text, p{  
    color:#D4DBAA  
}
```

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 #D4DBAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4DBAA
}
```

## Border

The CSS property to change the border of an element to Decimal 13949866 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
#D4DBAA }
```

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

```
.border{ border-color:#D4DBAA }
```

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

Here you see how a box with a 4 pixel #D4DBAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4DBAA; -webkit-box-shadow:4px 4px  
4px 4px #D4DBAA; box-shadow:4px 4px 4px  
4px #D4DBAA }
```

# Background

The CSS property to change the background color of an element to Decimal 13949866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4DBAA }
```

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

```
.background{ background-color:#D4DBAA }
```

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