

# Converting Colors

Decimal(13666949)

Have a look what the booklet for  
Decimal(13666949) contains.

<b>Decimal(13666949)</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(13666949)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D08A85
RGB	208, 138, 133
RGB Percent	82%, 54%, 52%
CMY	0.1843, 0.4588, 0.4784
CMYK	0.00, 0.34, 0.36, 0.18
HSL	4°, 44%, 67%
HSV	4°, 36%, 82%
XYZ	39.3345, 33.2803, 26.5409
YIQ	158.3600, 43.3250, 13.2850

# Conversions

## Conversions Part 2

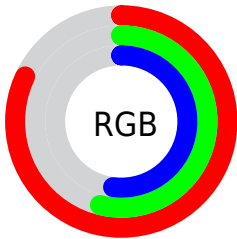
Format	Color
R <sub>Y</sub> B	208, 138, 133
Decimal	13666949
CIE Lab	64.39, 26.11, 13.66
CIE LCh	64, 29.468, 27.626
Yxy	33.2803, 0.3967, 0.3356
Android (android.graphics.Color)	4291857029 (0xFFD08A85)
YUV	158.3600, -12.5025, 43.5343
Hunter-Lab	57.6891, 20.7520, 13.1049

# Details

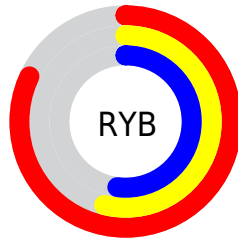
The Decimal color **13666949** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **8768464**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **16761018**, and **9983828** is the 20% darker color. If you saturate the color by 10%, you get **13662064**, and if you desaturate by 10%, it is **13671834**.

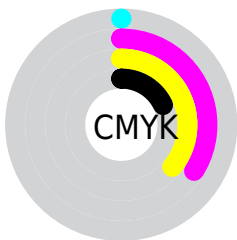
# Distribution



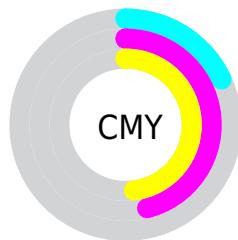
- Red (82%)
- Green (54%)
- Blue (52%)



- Red (82%)
- Yellow (54%)
- Blue (52%)



- Cyan (0%)
- Magenta (34%)
- Yellow (36%)
- Black (18%)



- Cyan (18%)
- Magenta (46%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13666949 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 13666949 by changing the saturation by 10% instead.



 13666949

 13666949

16777215

 11759724

 16761018

 9983828

 16768214

 8142652

 16775666

 6432807

 4722962

 3145728

 327680

 0

 13666949

 13666949

 13662064

 13671834

 13656923

 13676975

 13652039

 13681859

 13646898

 13687000

 13642013

 13691885

 13637128

 13696767

 13635072

 13697023

# Harmonies

## Analogous

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



13470111



13666949



12947825

# Triad

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



13666949



7776383



7774160

# Complementary

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



13666949



8768464

# 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.



5351112



13666949



5810841

# Square

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



13666949



9806445



4565684



10327755

# Rectangle

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



13666949



12097385



4565684



6922959

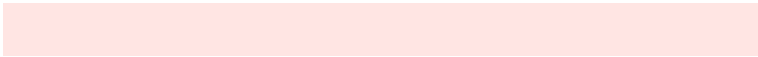


# Sweetspot

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



13666949



16770531



13665739



8417391



0



8421504



# Same Dimension

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



13666949



16750993



13676165



6905694



11012864



2687744



# Inverse Universe

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



8768464



9566463



8758992



6187113



40360



9769



# Previews

## White Background



This preview shows how the Decimal color 13666949 looks on a white background.

## Color Contrast Check

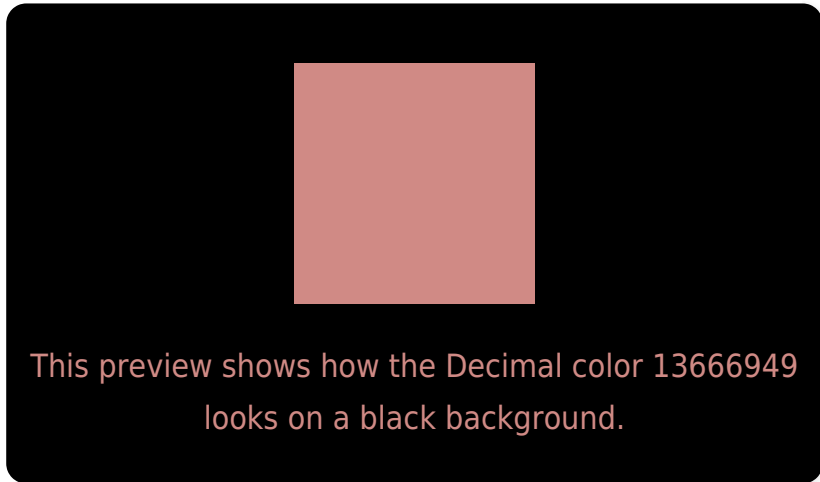
Large Text (above 18pt) WCAG AA × Fail

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](#).



## Decimal 13666949 Background



This preview shows how black text looks on a background with the Decimal color 13666949.




This preview shows how white text looks on a background with the Decimal color 13666949.

# 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**  
13731986

# Trichromacy



**Original Color**  
13666949

**Protanomaly**  
11769227

**Deuteranomaly**  
12554884

**Tritanomaly**  
13732237

# Monochromacy



**Original Color**  
13666949

**Achromatopsia**  
10395294

**Achromatomaly**  
11573141

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13666949 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 #D08A85 looks like.

```
.text, #text, p{  
    color:#D08A85  
}
```

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 #D08A85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D08A85
}
```

## Border

The CSS property to change the border of an element to Decimal 13666949 is called "border". The border property can be set on classes, ids or directly on the HTML element.

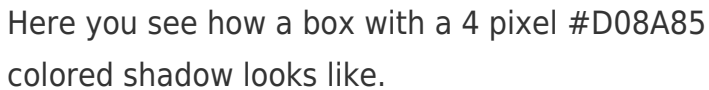
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D08A85 }
```

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

```
.border{ border-color:#D08A85 }
```

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



Here you see how a box with a 4 pixel #D08A85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D08A85; -webkit-box-shadow:4px 4px  
4px 4px #D08A85; box-shadow:4px 4px 4px  
4px #D08A85 }
```

# Background

The CSS property to change the background color of an element to Decimal 13666949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D08A85 }
```

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

```
.background{ background-color:#D08A85 }
```

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