

# Converting Colors

Decimal(16767949)

Have a look what the booklet for  
Decimal(16767949) contains.

<b>Decimal(16767949)</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(16767949)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFDBCD
RGB	255, 219, 205
RGB Percent	100%, 86%, 80%
CMY	0.0000, 0.1412, 0.1961
CMYK	0.00, 0.14, 0.20, 0.00
HSL	17°, 100%, 90%
HSV	17°, 20%, 100%
XYZ	77.5910, 76.3308, 68.4014
YIQ	228.1680, 25.9500, 3.2780

# Conversions

## Conversions Part 2

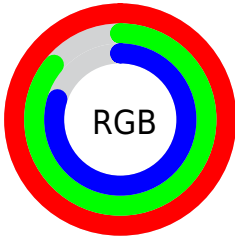
Format	Color
R <sub>Y</sub> B	255, 224, 205
Decimal	16767949
CIE Lab	90.01, 10.35, 11.49
CIE LCh	90, 15.463, 47.998
Yxy	76.3308, 0.3490, 0.3433
Android (android.graphics.Color)	4294958029 (0xFFFFDBCD)
YUV	228.1680, -11.4218, 23.5317
Hunter-Lab	87.3675, 5.6325, 14.7381

# Details

The Decimal color **16767949** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **13496831**, and the grayscale version is **15000804**.

A 20% lighter version of the original color is **16777215**, and **13018263** is the 20% darker color. If you saturate the color by 10%, you get **16763315**, and if you desaturate by 10%, it is **16772583**.

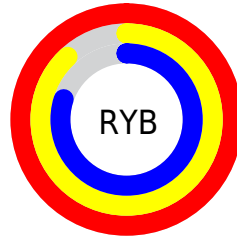
# Distribution



Red (100%)

Green (86%)

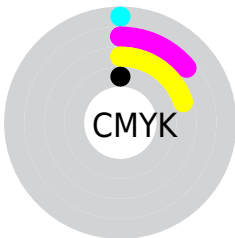
Blue (80%)



Red (100%)

Yellow (88%)

Blue (80%)

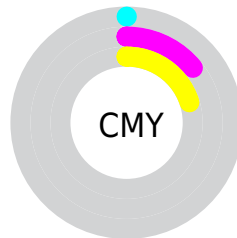


Cyan (0%)

Magenta (14%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16767949 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 16767949 by changing the saturation by 10% instead.




 16767949

 16767949

16777215

 14860210

 13018263

 11176573

 9400420

 7690316

 6045749

 4467232

 2954761

 1441792

 16767949

 16767949

 16763315

 16772583

 16758426

16777215

 16753793

 16749159

 16744270

 16739636

 16734746

 16730113

 16729856

# Harmonies

## Analogous

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



16767450



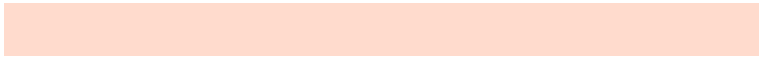
16767949



16048070

# Triad

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



16767949



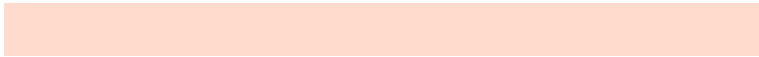
12970972



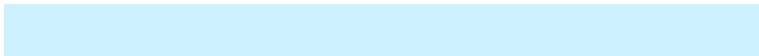
14606846

# Complementary

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



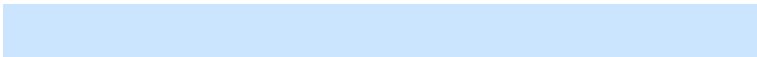
16767949



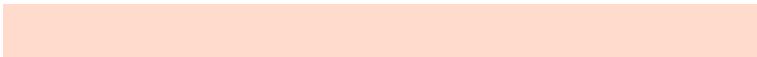
13496831

# 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.



13428223



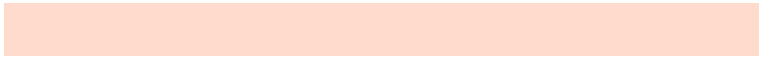
16767949



12446699

# Square

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



16767949



13953230



12577272



15785206

# Rectangle

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



16767949



15393733



12577272



14213887

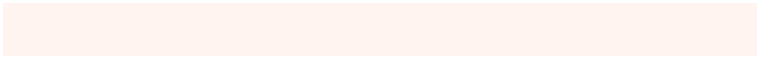


# Sweetspot

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



16767949



16774384



16764402



8419703



0



8421504

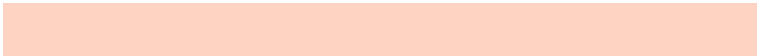


# Same Dimension

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



16767949



16765890



16774093



8418931



12531200

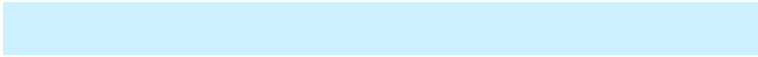


4198912

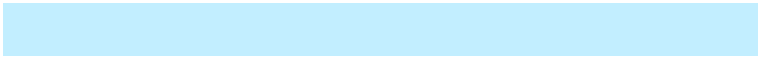


# Inverse Universe

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



13496831



12775167



13490687



7568512



35519

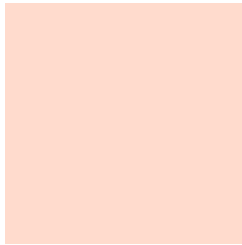


11840



# Previews

## White Background



This preview shows how the Decimal color 16767949 looks on a white background.

## Color Contrast Check

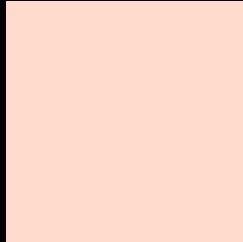
Large Text (above 18pt) WCAG AA × Fail

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 16767949 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

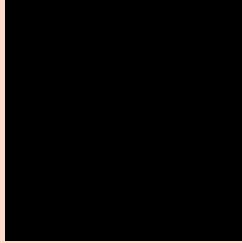
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16767949 Background



This preview shows how black text looks on a background with the Decimal color 16767949.

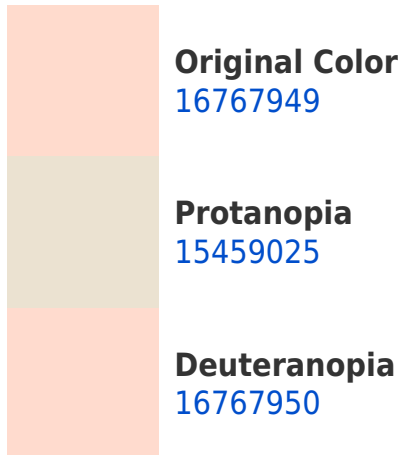


This preview shows how white text looks on a background with the Decimal color 16767949.

# 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](#).

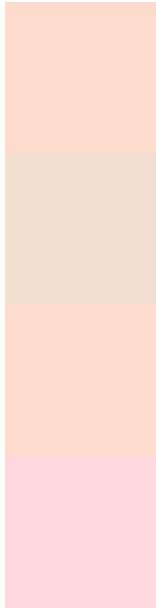
## Dichromacy





**Tritanopia**  
16767207

# Trichromacy



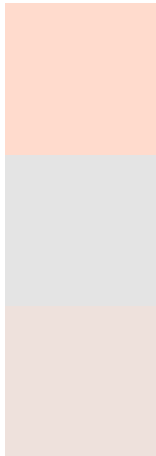
**Original Color**  
16767949

**Protanomaly**  
15917008

**Deuteranomaly**  
16767950

**Tritanomaly**  
16767454

# Monochromacy



**Original Color**  
16767949

**Achromatopsia**  
15000804

**Achromatomaly**  
15655388

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16767949 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 #FFDBCD looks like.

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

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 #FFDBCD colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 16767949 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
#FFDBCD }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 16767949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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