

# Converting Colors

Decimal(16749180)

Have a look what the booklet for  
Decimal(16749180) contains.

<b>Decimal(16749180)</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(16749180)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF927C
RGB	255, 146, 124
RGB Percent	100%, 57%, 49%
CMY	0.0000, 0.4275, 0.5137
CMYK	0.00, 0.43, 0.51, 0.00
HSL	10°, 100%, 74%
HSV	10°, 51%, 100%
XYZ	55.1570, 43.2730, 24.5142
YIQ	176.0830, 72.0260, 16.2660

# Conversions

## Conversions Part 2

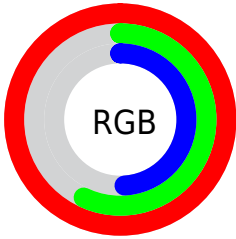
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 150, 124
Decimal	16749180
CIE Lab	71.74, 38.86, 29.61
CIE LCh	72, 48.856, 37.300
Yxy	43.2730, 0.4486, 0.3520
Android (android.graphics.Color)	4294939260 (0xFFFF927C)
YUV	176.0830, -25.6769, 69.2102
Hunter-Lab	65.7822, 34.5495, 23.9527

# Details

The Decimal color **16749180** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **8186367**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **16763313**, and **12737867** is the 20% darker color. If you saturate the color by 10%, you get **16743779**, and if you desaturate by 10%, it is **16754582**.

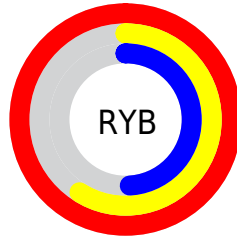
# Distribution



Red (100%)

Green (57%)

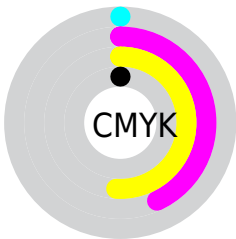
Blue (49%)



Red (100%)

Yellow (59%)

Blue (49%)

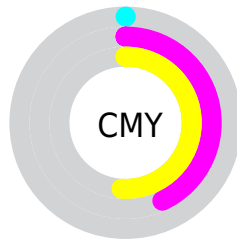


Cyan (0%)

Magenta (43%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16749180 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 16749180 by changing the saturation by 10% instead.



 16749180

 16749180

16777215

 14710627

 16763313

 12737867

 16770764

 10830900

 16777193

 8858398

 7015943

 5111808

 3407873

 524288

 0

■ 16749180

■ 16749180

■ 16743779

■ 16754582

■ 16738377

■ 16759983

■ 16732720

■ 16765641

■ 16727318

■ 16771042

■ 16722688

■ 16776444

16777215

# Harmonies

## Analogous

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



16747430



16749180



15180125

# Triad

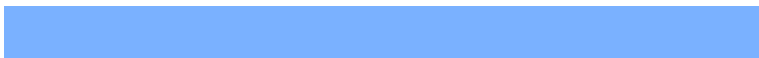
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16749180



5555340



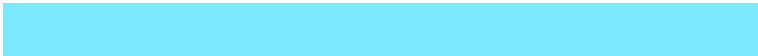
8040959

# Complementary

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



16749180



8186367

# 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.



48895



16749180



51130

# Square

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



16749180



9551206



50660



12755191

# Rectangle

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



16749180



13544533



50660



5879551



# Sweetspot

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



16749180



16768985



16743657



8416361



0



8421504



# Same Dimension

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



16749180



16743265



16765820



8418675



12525568

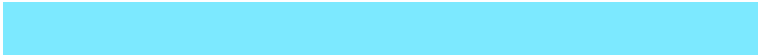


4197120



# Inverse Universe

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



8186367



6415615



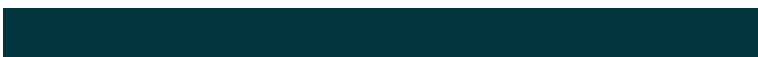
8169727



7568768



40895



13632



# Previews

## White Background



This preview shows how the Decimal color 16749180 looks on a white background.

## Color Contrast Check

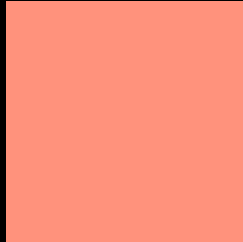
Large Text (above 18pt) WCAG AA × Fail

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 16749180 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 16749180 Background



This preview shows how black text looks on a background with the Decimal color 16749180.

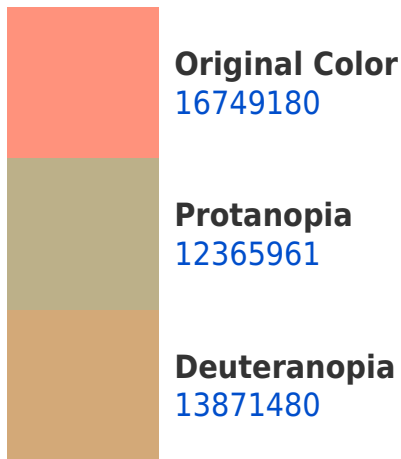


This preview shows how white text looks on a background with the Decimal color 16749180.

# 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



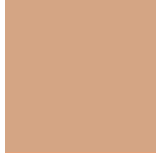


**Tritanopia**  
16748441

# Trichromacy



**Original Color**  
16749180



**Protanomaly**  
13936004



**Deuteranomaly**  
14918009

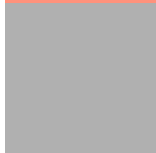


**Tritanomaly**  
16748686

# Monochromacy



**Original Color**  
16749180



**Achromatopsia**  
11579568



**Achromatomaly**  
13477277

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16749180 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 #FF927C looks like.

```
.text, #text, p{  
  color:#FF927C  
}
```

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 #FF927C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF927C
}
```

## Border

The CSS property to change the border of an element to Decimal 16749180 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
#FF927C }
```

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

```
.border{ border-color:#FF927C }
```

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

Here you see how a box with a 4 pixel #FF927C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF927C; -webkit-box-shadow:4px 4px  
4px 4px #FF927C; box-shadow:4px 4px 4px  
4px #FF927C }
```

# Background

The CSS property to change the background color of an element to Decimal 16749180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF927C }
```

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

```
.background{ background-color:#FF927C }
```

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