

# Converting Colors

Decimal(16746623)

Have a look what the booklet for  
Decimal(16746623) contains.

<b>Decimal(16746623)</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(16746623)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF887F
RGB	255, 136, 127
RGB Percent	100%, 53%, 50%
CMY	0.0000, 0.4667, 0.5020
CMYK	0.00, 0.47, 0.50, 0.00
HSL	4°, 100%, 75%
HSV	4°, 50%, 100%
XYZ	53.8749, 40.4006, 25.0373
YIQ	170.5550, 73.8130, 22.4290

# Conversions

## Conversions Part 2

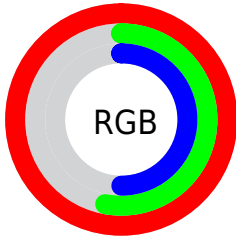
Format	Color
<b>RYB</b>	255, 137, 127
Decimal	16746623
CIELab	69.75, 44.17, 25.32
CIElCh	70, 50.911, 29.827
Yxy	40.4006, 0.4515, 0.3386
Android (android.graphics.Color)	4294936703 (0xFFFF887F)
YUV	170.5550, -21.4726, 74.0583
Hunter-Lab	63.5615, 40.0646, 21.1384

# Details

The Decimal color **16746623** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **8386303**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16760756**, and **12735310** is the 20% darker color. If you saturate the color by 10%, you get **16740454**, and if you desaturate by 10%, it is **16752793**.

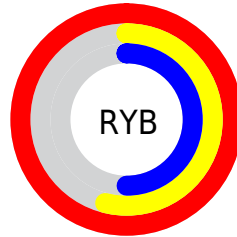
# Distribution



Red (100%)

Green (53%)

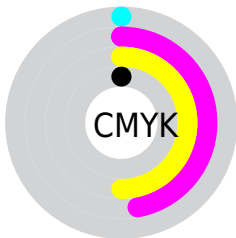
Blue (50%)



Red (100%)

Yellow (54%)

Blue (50%)

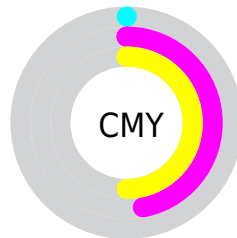


Cyan (0%)

Magenta (47%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (47%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16746623 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 16746623 by changing the saturation by 10% instead.



 16746623

 16746623

16777215

 14708070

 16760756

 12735310

 16768207

 10762551

 16775660

 8854817

 6946828

 5111808

 3407874

 0

 16746623

 16746623

■ 16740454

■ 16752793

■ 16734540

■ 16758706

■ 16728371

■ 16764876

■ 16722201

■ 16771045

■ 16716288

16777215

# Harmonies

## Analogous

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



16679853



16746623



15374171

# Triad

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



16746623



6012538



5550079

# Complementary

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



16746623



8386303

# 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.



48121



16746623



49833

# Square

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



16746623



9942359



49623



11378427

# Rectangle

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



16746623



13869645



49623



1488127

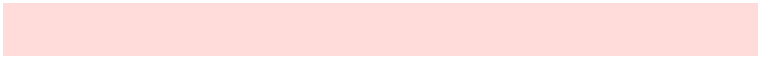


# Sweetspot

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



16746623



16767961



16744438



8415849



0



8421504



# Same Dimension

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



16746623



16740710



16763007



8418419



12520704



4195328



# Inverse Universe

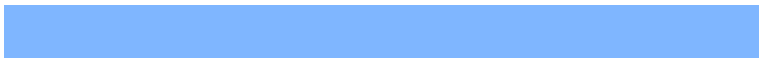
The Inverse Universe completely reimagines the original color for something new.



8386303



6747391



8369919



7569280



45759



15168



# Previews

## White Background



This preview shows how the Decimal color 16746623 looks on a white background.

## Color Contrast Check

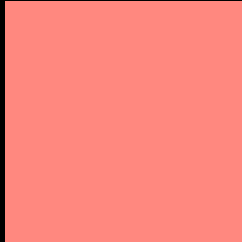
Large Text (above 18pt) WCAG AA × Fail

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 16746623 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 16746623 Background



This preview shows how black text looks on a background with the Decimal color 16746623.



This preview shows how white text looks on a background with the Decimal color 16746623.

# 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**  
16746128

# Trichromacy



**Original Color**  
16746623



**Protanomaly**  
13606537



**Deuteranomaly**  
14588540



**Tritanomaly**  
16746378

# Monochromacy



**Original Color**  
16746623



**Achromatopsia**  
11250603



**Achromatomaly**  
13278875

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16746623 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 #FF887F looks like.

```
.text, #text, p{  
    color:#FF887F  
}
```

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 #FF887F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF887F
}
```

## Border

The CSS property to change the border of an element to Decimal 16746623 is called "border". The border property can be set on classes, ids or directly on the HTML element.

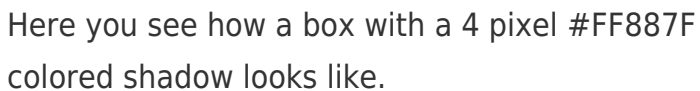
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF887F }
```

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

```
.border{ border-color:#FF887F }
```

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



Here you see how a box with a 4 pixel #FF887F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF887F; -webkit-box-shadow:4px 4px  
4px 4px #FF887F; box-shadow:4px 4px 4px  
4px #FF887F }
```

# Background

The CSS property to change the background color of an element to Decimal 16746623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF887F }
```

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

```
.background{ background-color:#FF887F }
```

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