

# Converting Colors

Decimal(16758990)

Have a look what the booklet for  
Decimal(16758990) contains.

<b>Decimal(16758990)</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(16758990)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB8CE
RGB	255, 184, 206
RGB Percent	100%, 72%, 81%
CMY	0.0000, 0.2784, 0.1922
CMYK	0.00, 0.28, 0.19, 0.00
HSL	341°, 100%, 86%
HSV	341°, 28%, 100%
XYZ	69.5211, 59.9972, 66.3090
YIQ	207.7370, 35.2540, 21.8940

# Conversions

## Conversions Part 2

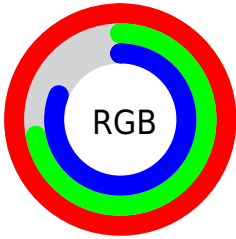
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 184, 206
Decimal	16758990
CIE Lab	81.84, 28.79, -0.84
CIE LCh	82, 28.804, 358.326
Yxy	59.9972, 0.3550, 0.3064
Android (android.graphics.Color)	4294949070 (0xFFFFB8CE)
YUV	207.7370, -0.8563, 41.4497
Hunter-Lab	77.4579, 24.6586, 3.4644

# Details

The Decimal color **16758990** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **12124137**, and the grayscale version is **13684944**.

A 20% lighter version of the original color is **16773375**, and **12944024** is the 20% darker color. If you saturate the color by 10%, you get **16752572**, and if you desaturate by 10%, it is **16765664**.

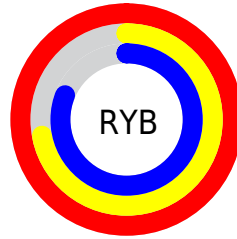
# Distribution



Red (100%)

Green (72%)

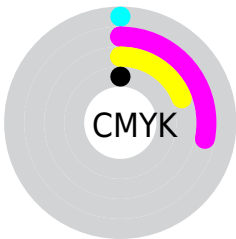
Blue (81%)



Red (100%)

Yellow (72%)

Blue (81%)

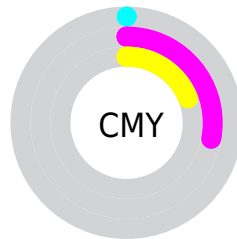


Cyan (0%)

Magenta (28%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16758990 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 16758990 by changing the saturation by 10% instead.



 16758990


 16758990

16777215

 14851507

 16773375

 12944024


 11102590

 9326693

 7551053

 5906486

 4196385

 2818058

 0

 16758990

 16758990

 16752572

 16765664

 16745899

 16772081

 16739225

16777215

 16732808

 16726390

 16719716

 16713299

 16711759

# Harmonies

## Analogous

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



15580648



16758990



16759475

# Triad

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



16758990



12898971



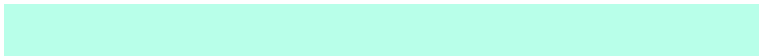
8967929

# Complementary

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



16758990



12124137

# 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.



8182500



16758990



10868910

# Square

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



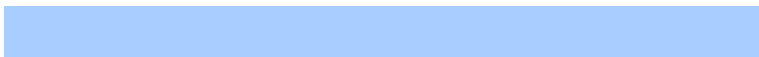
16758990



14797206



9034697



11063039

# Rectangle

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



16758990



16563876



9034697



8509683



# Sweetspot

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



16758990



16772081



15317247



8418167



0



8421504



# Same Dimension

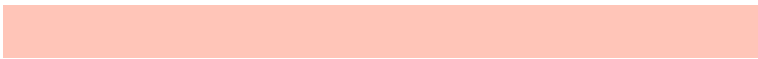
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16758990



16755653



16762296



8418167



12517435



4194324



# Inverse Universe

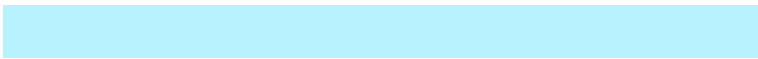
The Inverse Universe completely reimagines the original color for something new.



16758990



16755653



12120831



8418167



12517435



4194324



# Previews

## White Background



This preview shows how the Decimal color 16758990 looks on a white background.

## Color Contrast Check

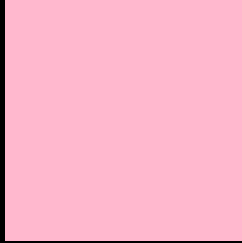
Large Text (above 18pt) WCAG AA × Fail

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 16758990 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 16758990 Background



This preview shows how black text looks on a background with the Decimal color 16758990.

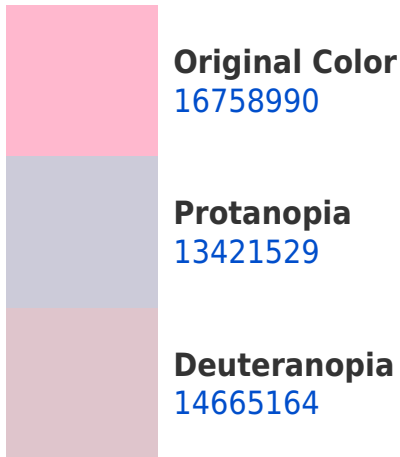


This preview shows how white text looks on a background with the Decimal color 16758990.

# 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**  
16693703

# Trichromacy



**Original Color**  
16758990

**Protanomaly**  
14664917

**Deuteranomaly**  
15450317

**Tritanomaly**  
16693706

# Monochromacy



**Original Color**  
16758990

**Achromatopsia**  
13684944

**Achromatomaly**  
14796751

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16758990 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 #FFB8CE looks like.

```
.text, #text, p{  
  color:#FFB8CE  
}
```

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 #FFB8CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB8CE
}
```

## Border

The CSS property to change the border of an element to Decimal 16758990 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
#FFB8CE }
```

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

```
.border{ border-color:#FFB8CE }
```

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

Here you see how a box with a 4 pixel #FFB8CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB8CE; -webkit-box-shadow:4px 4px  
4px 4px #FFB8CE; box-shadow:4px 4px 4px  
4px #FFB8CE }
```

# Background

The CSS property to change the background color of an element to Decimal 16758990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB8CE }
```

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

```
.background{ background-color:#FFB8CE }
```

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