

# Converting Colors

Decimal(16750995)

Have a look what the booklet for  
Decimal(16750995) contains.

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# **Color**

**Decimal(16750995)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9993
RGB	255, 153, 147
RGB Percent	100%, 60%, 58%
CMY	0.0000, 0.4000, 0.4235
CMYK	0.00, 0.40, 0.42, 0.00
HSL	3°, 100%, 79%
HSV	3°, 42%, 100%
XYZ	57.8977, 46.1490, 33.4599
YIQ	182.8140, 62.7180, 19.7580

# Conversions

## Conversions Part 2

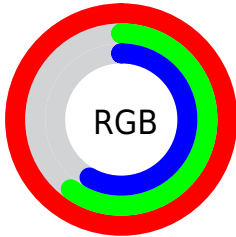
Format	Color
R <sub>Y</sub> B	255, 153, 147
Decimal	16750995
CIE Lab	73.64, 37.46, 19.59
CIE LCh	74, 42.274, 27.609
Yxy	46.1490, 0.4211, 0.3356
Android (android.graphics.Color)	4294941075 (0xFFFF9993)
YUV	182.8140, -17.6563, 63.3071
Hunter-Lab	67.9331, 33.2482, 18.3504

# Details

The Decimal color **16750995** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **9697791**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **16765129**, and **12805216** is the 20% darker color. If you saturate the color by 10%, you get **16744826**, and if you desaturate by 10%, it is **16757164**.

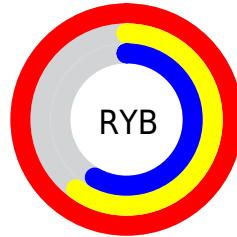
# Distribution



Red (100%)

Green (60%)

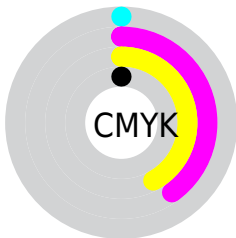
Blue (58%)



Red (100%)

Yellow (60%)

Blue (58%)

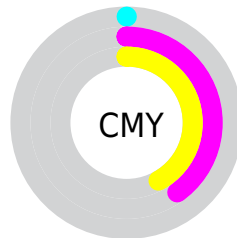


Cyan (0%)

Magenta (40%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (40%)














Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16750995 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 16750995 by changing the saturation by 10% instead.



 16750995	 16750995
16777215	 14777977
 16765129	 12805216
 16772581	 10898249
	 8991282
	 7149597
	 5373957
	 3604480
	 1441792
	 0

 16750995

 16750995

 16744826

 16757164

 16738656

 16763334

 16732486

 16769504

 16726317

 16775673

 16720147

16777215

 16715264

# Harmonies

## Analogous

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



16553658



16750995



15705205

# Triad

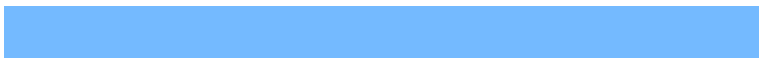
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16750995



8111498



7650047

# Complementary

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



16750995



9697791

# 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.



1623285



16750995



4311472

# Square

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



16750995



11124079



51672



11840762

# Rectangle

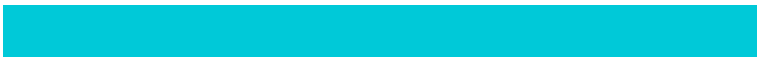
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16750995



14462313



51672



6012671

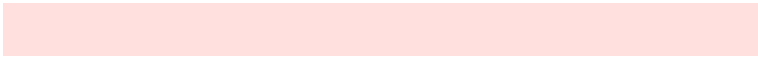


# Sweetspot

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



16750995



16769246



16749562



8416363



0



8421504



# Same Dimension

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



16750995



16745597



16764563



8418163



12520192



4195328



# Inverse Universe

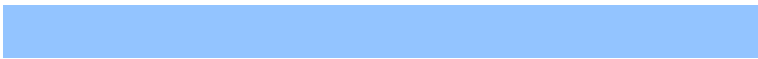
The Inverse Universe completely reimagines the original color for something new.



9697791



8255743



9684223



7569280



46527



15424



# Previews

## White Background



This preview shows how the Decimal color 16750995 looks on a white background.

## Color Contrast Check

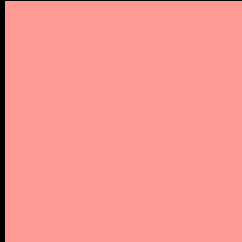
Large Text (above 18pt) WCAG AA × Fail

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 16750995 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 16750995 Background



This preview shows how black text looks on a background with the Decimal color 16750995.



This preview shows how white text looks on a background with the Decimal color 16750995.

# 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**  
16750498

# Trichromacy



**Original Color**  
16750995



**Protanomaly**  
14003100



**Deuteranomaly**  
14984848



**Tritanomaly**  
16750749

# Monochromacy



**Original Color**  
16750995



**Achromatopsia**  
12040119



**Achromatomaly**  
13741226

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16750995 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 #FF9993 looks like.

```
.text, #text, p{  
  color:#FF9993  
}
```

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 #FF9993 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9993
}
```

## Border

The CSS property to change the border of an element to Decimal 16750995 is called "border". The border property can be set on classes, ids or directly on the HTML element.

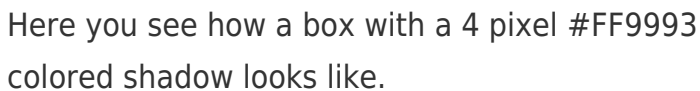
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF9993 }
```

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

```
.border{ border-color:#FF9993 }
```

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

A rectangular box with a 4px red shadow. The box is white with a thin red border. The shadow is a solid red color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #FF9993 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9993; -webkit-box-shadow:4px 4px  
4px 4px #FF9993; box-shadow:4px 4px 4px  
4px #FF9993 }
```

# Background

The CSS property to change the background color of an element to Decimal 16750995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9993 }
```

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

```
.background{ background-color:#FF9993 }
```

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](#).



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