

# Converting Colors

Decimal(16747586)

Have a look what the booklet for  
Decimal(16747586) contains.

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# **Color**

**Decimal(16747586)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF8C42
RGB	255, 140, 66
RGB Percent	100%, 55%, 26%
CMY	0.0000, 0.4510, 0.7412
CMYK	0.00, 0.45, 0.74, 0.00
HSL	23°, 100%, 63%
HSV	23°, 74%, 100%
XYZ	51.6015, 40.4095, 10.2344
YIQ	165.9490, 92.2940, 1.3660

# Conversions

## Conversions Part 2

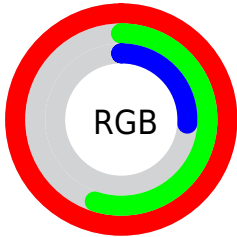
Format	Color
R <sub>Y</sub> B	255, 188, 66
Decimal	16747586
CIE Lab	69.76, 38.24, 56.93
CIE LCh	70, 68.576, 56.113
Yxy	40.4095, 0.5047, 0.3952
Android (android.graphics.Color)	4294937666 (0xFFFF8C42)
YUV	165.9490, -49.2749, 78.0977
Hunter-Lab	63.5685, 33.6518, 34.9524

# Details

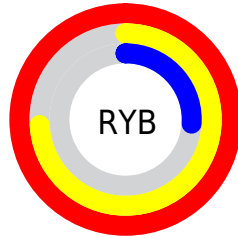
The Decimal color **16747586** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4371967**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **16761718**, and **12605449** is the 20% darker color. If you saturate the color by 10%, you get **16743464**, and if you desaturate by 10%, it is **16751707**.

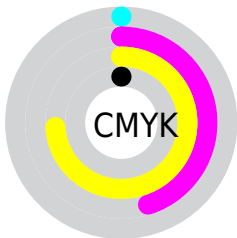
# Distribution



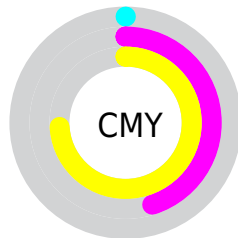
- Red (100%)
- Green (55%)
- Blue (26%)



- Red (100%)
- Yellow (74%)
- Blue (26%)



- Cyan (0%)
- Magenta (45%)
- Yellow (74%)
- Black (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16747586 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 16747586 by changing the saturation by 10% instead.



 16747586

 16747586

16777215

 14643752

 16761718

 12605449

 16768912

 10567424

 16776364

 8594944

 16777160

 6621184

 16777188

 4718592

 3145730

 0

 16747586

 16747586

16743464

16751707

16739599

16755573

16737280

16759695

16763560

16767682

16771547

16775668

16777215

# Harmonies

## Analogous

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



16741751



16747586



13739292

# Triad

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



16747586



51104



10264063

# Complementary

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



16747586



4371967

# 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.



46335



16747586



51424

# Square

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



16747586



3916385



49919



15631089

# Rectangle

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



16747586



11186721



49919



7382783



# Sweetspot

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



16747586



16768455



16728759



8416094



0



8421504



# Same Dimension

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



16747586



16741660



16771394



8419443



12536576



4200704



# Inverse Universe

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



4371967



1877759



4348159



7568256



29887



10048



# Previews

## White Background



This preview shows how the Decimal color 16747586 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 16747586 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 16747586 Background



This preview shows how black text looks on a background with the Decimal color 16747586.

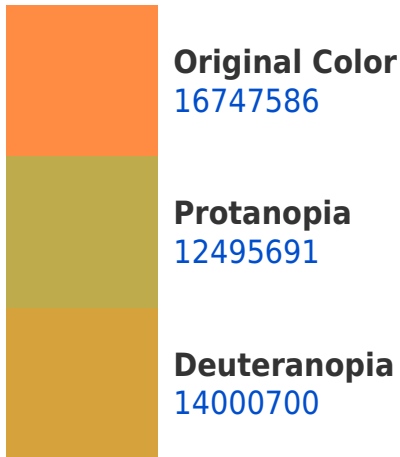


This preview shows how white text looks on a background with the Decimal color 16747586.

# 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**  
16746127

# Trichromacy



**Original Color**  
16747586

**Protanomaly**  
14065736

**Deuteranomaly**  
14981694

**Tritanomaly**  
16746611

# Monochromacy



**Original Color**  
16747586

**Achromatopsia**  
10921638

**Achromatomaly**  
13016450

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16747586 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 #FF8C42 looks like.

```
.text, #text, p{  
  color:#FF8C42  
}
```

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 #FF8C42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8C42
}
```

## Border

The CSS property to change the border of an element to Decimal 16747586 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
#FF8C42 }
```

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

```
.border{ border-color:#FF8C42 }
```

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

Here you see how a box with a 4 pixel #FF8C42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8C42; -webkit-box-shadow:4px 4px  
4px 4px #FF8C42; box-shadow:4px 4px 4px  
4px #FF8C42 }
```

# Background

The CSS property to change the background color of an element to Decimal 16747586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8C42 }
```

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

```
.background{ background-color:#FF8C42 }
```

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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