

# Converting Colors

Decimal(16617320)

Have a look what the booklet for  
Decimal(16617320) contains.

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# **Color**

**Decimal(16617320)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD8F68
RGB	253, 143, 104
RGB Percent	99%, 56%, 41%
CMY	0.0078, 0.4392, 0.5922
CMYK	0.00, 0.43, 0.59, 0.01
HSL	16°, 97%, 70%
HSV	16°, 59%, 99%
XYZ	52.8292, 41.5270, 18.3278
YIQ	171.4440, 78.0790, 11.1910

# Conversions

## Conversions Part 2

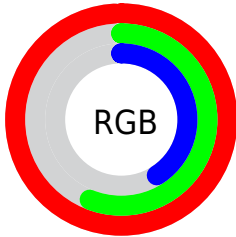
Format	Color
R <sub>Y</sub> B	253, 157, 104
Decimal	16617320
CIE Lab	70.54, 38.07, 38.78
CIE LCh	71, 54.346, 45.534
Yxy	41.5270, 0.4688, 0.3685
Android (android.graphics.Color)	4294807400 (0xFFFD8F68)
YUV	171.4440, -33.2499, 71.5246
Hunter-Lab	64.4415, 33.5618, 28.2463

# Details

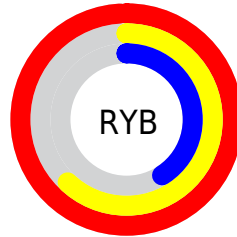
The Decimal color **16617320** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **6870781**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **16762524**, and **12606264** is the 20% darker color. If you saturate the color by 10%, you get **16612431**, and if you desaturate by 10%, it is **16622209**.

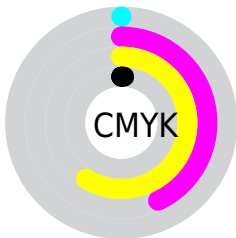
# Distribution



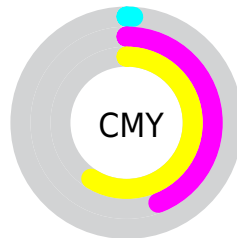
- Red (99%)
- Green (56%)
- Blue (41%)



- Red (99%)
- Yellow (62%)
- Blue (41%)



- Cyan (0%)
- Magenta (43%)
- Yellow (59%)
- Black (1%)



- Cyan (1%)
- Magenta (44%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16617320 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 16617320 by changing the saturation by 10% instead.



 16617320

 16617320

16777215

 14579023

 16762524

 12606264

 16769719

 10633505

 16777171

 8661001

 16777199

 6753280

 4849664

 3276801

 0

 16617320

 16617320

16612431

16622209

16607797

16626843

16602908

16631732

16598019

16636621

16597504

16641255

16646143

# Harmonies

## Analogous

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



16745365



16617320



14524746

# Triad

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



16617320



640146



8890879

# Complementary

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



16617320



6870781

# 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.



47615



16617320



50629

# Square

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



16617320



7912804



49906



13735410

# Rectangle

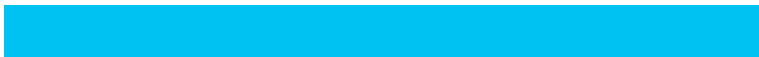
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16617320



12627269



49906



6533119

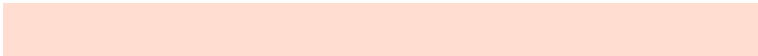


# Sweetspot

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



16617320



16768465



16607448



8416099



0



8421504



# Same Dimension

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



16617320



16742730



16636008



8418931



12530176



4198656



# Inverse Universe

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



6870781



4903167



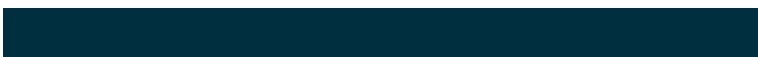
6852093



7568512



36287



12096



# Previews

## White Background



This preview shows how the Decimal color 16617320 looks on a white background.

## Color Contrast Check

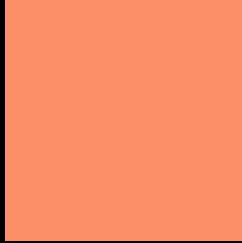
Large Text (above 18pt) WCAG AA × Fail

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 16617320 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 16617320 Background



This preview shows how black text looks on a background with the Decimal color 16617320.

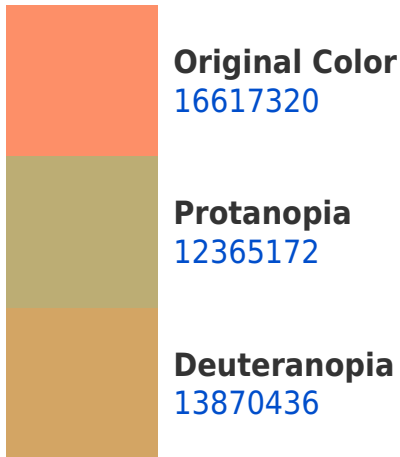


This preview shows how white text looks on a background with the Decimal color 16617320.

# 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**  
16747156

# Trichromacy



**Original Color**  
16617320

**Protanomaly**  
13935216

**Deuteranomaly**  
14851429

**Tritanomaly**  
16682116

# Monochromacy



**Original Color**  
16617320

**Achromatopsia**  
11250603

**Achromatomaly**  
13214099

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16617320 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 #FD8F68 looks like.

```
.text, #text, p{  
    color:#FD8F68  
}
```

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 #FD8F68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD8F68
}
```

## Border

The CSS property to change the border of an element to Decimal 16617320 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
#FD8F68 }
```

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

```
.border{ border-color:#FD8F68 }
```

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

Here you see how a box with a 4 pixel #FD8F68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD8F68; -webkit-box-shadow:4px 4px  
4px 4px #FD8F68; box-shadow:4px 4px 4px  
4px #FD8F68 }
```

# Background

The CSS property to change the background color of an element to Decimal 16617320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD8F68 }
```

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

```
.background{ background-color:#FD8F68 }
```

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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