

# Converting Colors

Decimal(16742200)

Have a look what the booklet for  
Decimal(16742200) contains.

<b>Decimal(16742200)</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(16742200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7738
RGB	255, 119, 56
RGB Percent	100%, 47%, 22%
CMY	0.0000, 0.5333, 0.7804
CMYK	0.00, 0.53, 0.78, 0.00
HSL	19°, 100%, 61%
HSV	19°, 78%, 100%
XYZ	48.5506, 34.7392, 7.8878
YIQ	152.4820, 101.2790, 9.2390

# Conversions

## Conversions Part 2

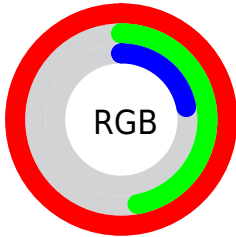
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 148, 56
Decimal	16742200
CIELab	65.55, 48.20, 57.22
CIElCh	66, 74.818, 49.890
Yxy	34.7392, 0.5325, 0.3810
Android (android.graphics.Color)	4294932280 (0xFFFF7738)
YUV	152.4820, -47.5656, 89.9083
Hunter-Lab	58.9399, 43.8910, 33.3233

# Details

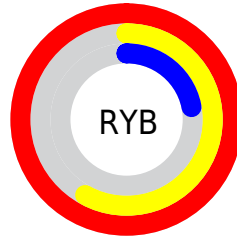
The Decimal color **16742200** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **3719423**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **16756331**, and **12534272** is the 20% darker color. If you saturate the color by 10%, you get **16737822**, and if you desaturate by 10%, it is **16746578**.

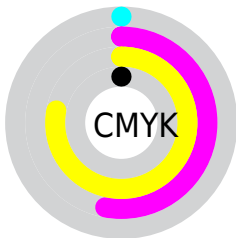
# Distribution



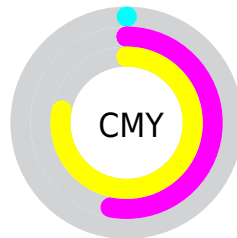
- Red (100%)
- Green (47%)
- Blue (22%)



- Red (100%)
- Yellow (58%)
- Blue (22%)



- Cyan (0%)
- Magenta (53%)
- Yellow (78%)
- Black (0%)






















- Cyan (0%)
- Magenta (53%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16742200 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 16742200 by changing the saturation by 10% instead.



 16742200	 16742200
 16777215	 14638110
 16756331	 12534272
 16763525	 10495488
 16770976	 8454144
 16777148	 6422528
 16777176	 4521984
 16777205	 2752513
	 0
 16742200	 16742200

16737822

16746578

16733189

16751211

16732416

16755588

16760222

16764599

16769233

16773611

16777215

# Harmonies

## Analogous

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



16735350



16742200



13734912

# Triad

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



16742200



48261



7116799

# Complementary

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



16742200



3719423

# 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.



44799



16742200



48843

# Square

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



16742200



3782209



47871



14252279

# Rectangle

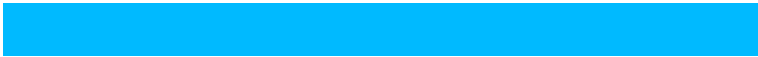
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16742200



11182848



47871



41215



# Sweetspot

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



16742200



16766916



16726211



8415068



0



8421504



# Same Dimension

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



16742200



16734991



16766776



8419187



12532992



4199424

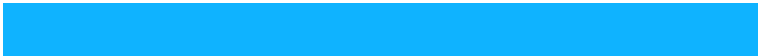


# Inverse Universe

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



3719423



1029119



3694847



7568256



33727



11328



# Previews

## White Background



This preview shows how the Decimal color 16742200 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 16742200 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 16742200 Background



This preview shows how black text looks on a background with the Decimal color 16742200.

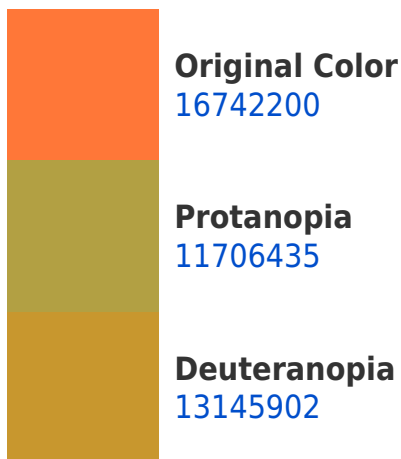


This preview shows how white text looks on a background with the Decimal color 16742200.

# 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**  
16740985

# Trichromacy



**Original Color**  
16742200

**Protanomaly**  
13537599

**Deuteranomaly**  
14453554

**Tritanomaly**  
16741473

# Monochromacy



**Original Color**  
16742200

**Achromatopsia**  
10000536

**Achromatomaly**  
12422261

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16742200 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 #FF7738 looks like.

```
.text, #text, p{  
    color:#FF7738  
}
```

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 #FF7738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7738
}
```

## Border

The CSS property to change the border of an element to Decimal 16742200 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
#FF7738 }
```

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

```
.border{ border-color:#FF7738 }
```

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

Here you see how a box with a 4 pixel #FF7738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7738; -webkit-box-shadow:4px 4px  
4px 4px #FF7738; box-shadow:4px 4px 4px  
4px #FF7738 }
```

# Background

The CSS property to change the background color of an element to Decimal 16742200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7738 }
```

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

```
.background{ background-color:#FF7738 }
```

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