

Converting Colors

Decimal(16742195)

Have a look what the booklet for
Decimal(16742195) contains.

Decimal(16742195) 3

Conversions 4

Details 6

Harmonies 11

Previews 23

Color Blindness Simulation 26

CSS Examples 29

Color

Decimal(16742195)

Conversions

Conversions Part 1	
Format	Color
Hex	FF7733
RGB	255, 119, 51
RGB Percent	100%, 47%, 20%
CMY	0.0000, 0.5333, 0.8000
CMYK	0.00, 0.53, 0.80, 0.00
HSL	20°, 100%, 60%
HSV	20°, 80%, 100%
XYZ	48.4344, 34.6927, 7.2755
YIQ	151.9120, 102.8840, 7.6840

Conversions

Conversions Part 2

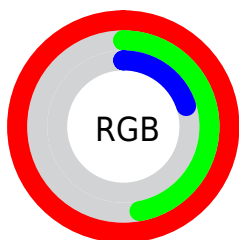
Format	Color
RYB	255, 153, 51
Decimal	16742195
CIELab	65.51, 48.04, 59.37
CIELCh	66, 76.374, 51.024
Yxy	34.6927, 0.5358, 0.3838
Android (android.graphics.Color)	4294932275 (0xFFFF7733)
YUV	151.9120, -49.7496, 90.4082
Hunter-Lab	58.9005, 43.7062, 33.9067

Details

The Decimal color **16742195** 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 **3390463**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **16756327**, and **12534272** is the 20% darker color. If you saturate the color by 10%, you get **16737817**, and if you desaturate by 10%, it is **16746573**.

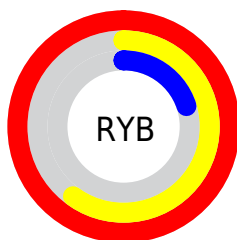
Distribution



Red (100%)

Green (47%)

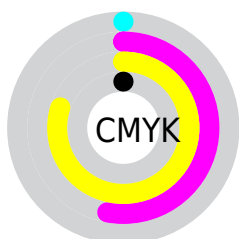
Blue (20%)



Red (100%)

Yellow (60%)

Blue (20%)

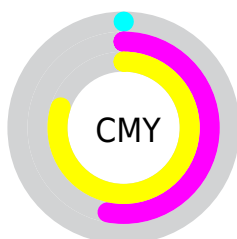


Cyan (0%)

Magenta (53%)

Yellow (80%)

Black (0%)



Cyan (0%)




















Magenta (53%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16742195 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 16742195 by changing the saturation by 10% instead.

 16742195	 16742195
 16777215	 14638104
 16756327	 12534272
 16763521	 10495488
 16770972	 8388608
 16777143	 6422528
 16777172	 4521984
 16777200	 2752513
	 0
 16742195	 16742195

 16737817

 16746573

 16733440

 16750950

 16755328

 16759705

 16764083

 16768460

 16772838

16777215

Harmonies

Analogous

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



16734834



16742195



13669632

Triad

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



16742195



48519



7313151

Complementary

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



16742195



3390463

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.



44543



16742195



48846

Square

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



16742195



2996033



47871



14448118

Rectangle

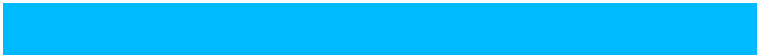
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16742195



10986496



47871



40959

Sweetspot

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



16742195



16766658



16724923



8415067



0



8421504

Same Dimension

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



16742195



16735242



16768307



8419187



12533760



4199680

Inverse Universe

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



3390463



699903



3364351



7568256



32703



10816

Previews

White Background



This preview shows how the Decimal color 16742195 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 16742195 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 16742195 Background



This preview shows how black text looks on a background with the Decimal color 16742195.



This preview shows how white text looks on a background with the Decimal color 16742195.

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



Original Color

16742195

Protanopia

11706430

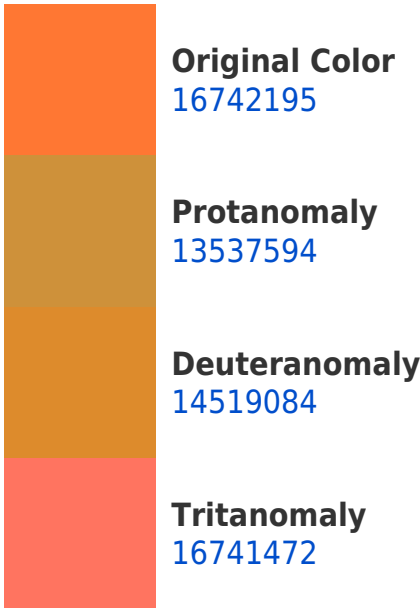
Deuteranopia

13211432



Tritanopia
16740985

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 16742195 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 #FF7733 looks like.

```
.text, #text, p{  
    color:#FF7733  
}
```

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 #FF7733 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7733
}
```

Border

The CSS property to change the border of an element to Decimal 16742195 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
#FF7733 }
```

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

```
.border{ border-color:#FF7733 }
```

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

Here you see how a box with a 4 pixel #FF7733 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7733; -webkit-box-shadow:4px 4px  
4px 4px #FF7733; box-shadow:4px 4px 4px  
4px #FF7733 }
```

Background

The CSS property to change the background color of an element to Decimal 16742195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7733 }
```

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

```
.background{ background-color:#FF7733 }
```

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