

Converting Colors

Decimal(16749666)

Have a look what the booklet for
Decimal(16749666) contains.

Decimal(16749666)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16749666)

Conversions

Conversions Part 1

Format	Color
Hex	FF9462
RGB	255, 148, 98
RGB Percent	100%, 58%, 38%
CMY	0.0000, 0.4196, 0.6157
CMYK	0.00, 0.42, 0.62, 0.00
HSL	19°, 100%, 69%
HSV	19°, 62%, 100%
XYZ	54.0345, 43.3217, 17.0693
YIQ	174.2930, 79.8220, 7.1340

Conversions

Conversions Part 2

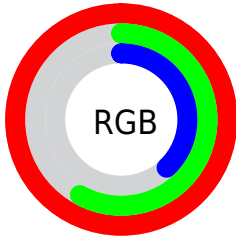
Format	Color
R_{YB}	255, 171, 98
Decimal	16749666
CIE _{Lab}	71.77, 35.87, 43.49
CIE _{LCh}	72, 56.378, 50.483
Yxy	43.3217, 0.4722, 0.3786
Android (android.graphics.Color)	4294939746 (0xFFFF9462)
YUV	174.2930, -37.6124, 70.7800
Hunter-Lab	65.8192, 31.3567, 30.6974

Details

The Decimal color **16749666** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **6475263**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **16763798**, and **12673073** is the 20% darker color. If you saturate the color by 10%, you get **16745289**, and if you desaturate by 10%, it is **16754043**.

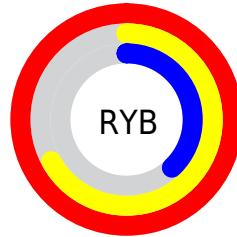
Distribution



Red (100%)

Green (58%)

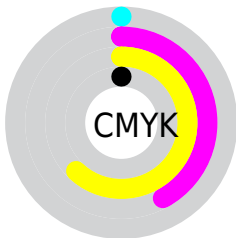
Blue (38%)



Red (100%)

Yellow (67%)

Blue (38%)

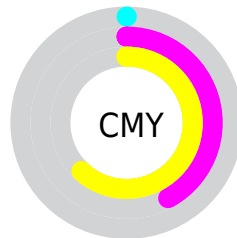


Cyan (0%)

Magenta (42%)

Yellow (62%)

Black (0%)



Cyan (0%)

















Magenta (42%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16749666 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 16749666 by changing the saturation by 10% instead.

 16749666	 16749666
 16777215	 14711369
 16763798	 12673073
 16771249	 10700569
 16777165	 8793600
 16777193	 6886400
	 4980736
	 3276801
	 65536
	 0

16749666

16749666

16745289

16754043

16740655

16758677

16736278

16763055

16732416

16767688

16772066

16776443

16777215

Harmonies

Analogous

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



16745871



16749666



14395207

Triad

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



16749666



51613



9939455

Complementary

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



16749666



6475263

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.



47871



16749666



51666

Square

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



16749666



7258988



50686



14652658

Rectangle

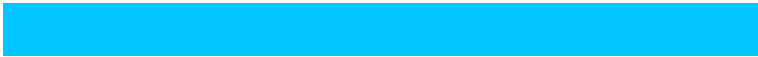
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



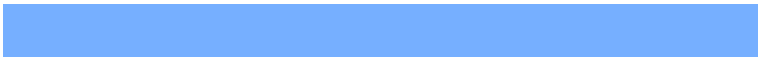
16749666



12366661



50686



7778303

Sweetspot

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



16749666



16769233



16736973



8416355



0



8421504

Same Dimension

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



16749666



16744002



16769634



8419187



12532992



4199424

Inverse Universe

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



6475263



4375551



6455295



7568256



33471



11072

Previews

White Background



This preview shows how the Decimal color 16749666 looks on a white background.

Color Contrast Check

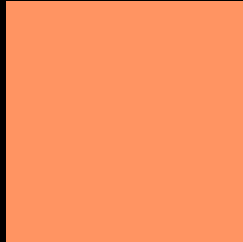
Large Text (above 18pt) WCAG AA × Fail

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 16749666 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 16749666 Background



This preview shows how black text looks on a background with the Decimal color 16749666.

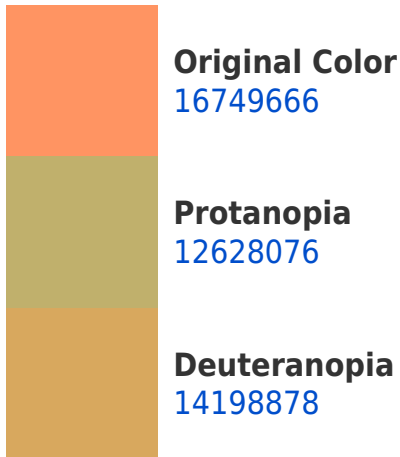


This preview shows how white text looks on a background with the Decimal color 16749666.

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
16748441

Trichromacy



Original Color

16749666



Protanomaly

14132840



Deuteranomaly

15114591



Tritanomaly

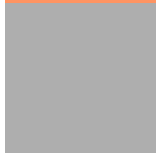
16748933

Monochromacy



Original Color

16749666



Achromatopsia

11447982



Achromatomaly

13346194

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16749666 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 #FF9462 looks like.

```
.text, #text, p{  
    color:#FF9462  
}
```

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 #FF9462 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9462
}
```

Border

The CSS property to change the border of an element to Decimal 16749666 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
#FF9462 }
```

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

```
.border{ border-color:#FF9462 }
```

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

Here you see how a box with a 4 pixel #FF9462 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9462; -webkit-box-shadow:4px 4px  
4px 4px #FF9462; box-shadow:4px 4px 4px  
4px #FF9462 }
```

Background

The CSS property to change the background color of an element to Decimal 16749666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9462 }
```

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

```
.background{ background-color:#FF9462 }
```

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